



## Ocean County Board of Commissioners

OFFICE OF THE  
OCEAN COUNTY COMMISSIONERS

Director Gary Quinn  
Deputy Director Gerry P. Little  
Commissioner Virginia E. Haines  
Commissioner John P. Kelly  
Commissioner Joseph H. Vicari

101 Hooper Avenue  
Toms River, New Jersey  
08754-2191  
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### Board Meeting Agenda

Date: November 17, 2021 - 4:00 PM

Location: Administration Building  
Room 119  
101 Hooper Avenue  
Toms River, NJ 08754

- A. CALL TO ORDER
- B. ROLL CALL
- C. STATEMENT Compliance with the Open Public Meetings Act
- D. THE PLEDGE OF ALLEGIANCE AND PRAYER
- E. RESOLUTION - PUBLIC HEARING
  - 1. Accepting the recommendation of the OC Natural Lands Trust Fund Advisory Committee to acquire property identified as Block 858, Lot 46.01, Township of Berkeley, totaling 10.01 acres located on Hickory Lane, in an amount not to exceed \$1,550,000.00 plus up to \$1,300.00 for property tax adjustments.
- F. AUTHORIZING THE PAYMENT OF BILLS IN BILL COMMITTEE REPORT NO. 22.
- G. RATIFYING THE EMERGENCY RENTAL ASSISTANCE ELECTRONIC PAYMENTS IN BILL COMMITTEE REPORT NO. ERA-11.
- H. AUTHORIZING ENGINEERING PAYMENTS TO CONTRACTORS AS LISTED BELOW:
  - 1. MATHIS CONSTRUCTION CO., INC. - Stormwater Management Contract 2019B, Various Townships - Change Order #1, E-\$49,737.99, R-\$56,081.22. (B2020-20E)

2. EDWARD H. CRAY, INC. - Construction of Long Beach Boulevard Traffic Signal Upgrades Phase B, Group 2, Long Beach Boulevard, Long Beach Township - Change Order #1, E-\$19,250.75, R-\$816.25. (B2018-30E)

## I. RESOLUTIONS

1. Authorizing the Personnel Resolution.
2. Supporting recently introduced state legislation A-5962 and S-4051 which allows funds from the 9-1-1 System and Emergency Response Trust Fund Account to be appropriated to pay expenses incurred by counties and municipalities to maintain 9-1-1 emergency services and to prioritize the disbursement of funds for related 9-1-1 emergency services.
3. Supporting the concerns of residents over recent bank closures.
4. Authorizing the execution of a Grant Agreement with the State of New Jersey, Department of Children and Families, Division of Children's System of Care for the Promising Path to Success 2.0, in the amount of \$10,000.00, for the period of 10/1/2021 through 9/29/2022.
5. Authorizing the execution of an OCCARES Grant Program Agreement with the Ocean County Joint Insurance Fund for reimbursement of their COVID-19 expenses.
6. Authorizing the execution of three (3) Ocean County CARES Non-Profit Support Program Agreements in the amount of \$220,863.99.
7. Authorizing an Intergovernmental Agreement with Ocean County Vocational-Technical School to provide Schedule "C" Vehicle Services Department services, in an amount not to exceed \$75,000.00 contingent upon adoption of the 2022 Temporary County Budget, for the period of 1/1/2022 through 12/31/2022.
8. Authorizing an Intergovernmental Agreement with Ocean County Board of Health to provide Schedule "C" Vehicle Services Department services, in an amount not to exceed \$200,000.00 contingent upon adoption of the 2022 Temporary County Budget, for the period of 1/1/2022 through 12/31/2022.
9. Authorizing an Intergovernmental Agreement with Island Beach State Park for Dune Grass and Dune Fencing for planting of Dune Habitat Restoration.
10. Authorizing the OC Department of Solid Waste to prepare a draft amendment for inclusion of the Proposed Lakewood Township Transfer Facility into the OC Solid Waste Management Plan.
11. Authorizing the exchange of certain roadways and vacant lots with Toms River Township to assist in the development of the new VA Clinic site.
12. Authorizing the public auction of Block 390, Lot 11 in Toms River Township, as the property is no longer needed for public use.
13. Authorizing the execution of a Grant application to the New Jersey Department of Transportation (NJDOT) for the Replacement of Hurricane Bridge (Structure No. 1518-012), Whiting-New Egypt Road (C.R. 539) over Old Hurricane Brook, Manchester Township.

14. Authorizing the execution of a Shared Services Agreement with the Township of Lakewood for the Construction of Traffic Signal Improvements at James Street (CR-32) and Williams Street, Lakewood Township.
15. Accepting the recommendation of the OC Natural Lands Trust Fund Advisory Committee to accept the donation of various parcels from the Township of Berkeley, totaling 74 acres and to pursue and acquire privately held parcels from willing sellers in the project area adjacent to the existing County's NJ Pulverizing Tract.
16. Authorizing the Release of Bonds for Road Opening Permits.

## J. MOTIONS

1. Authorizing the Clerk of the Board to accept and/or record legal instruments.
2. Approving the Board Meeting Minutes of 10/20/2021.
3. Approving the distribution of Requests for Qualifications for Special Labor Counsel.
4. Authorizing the acquisition in fee by gift, purchase, exchange or condemnation for the purpose of the continuation of the County's Barnegat Branch Trail project in the Borough of South Toms River. (2 parcels)
5. Authorizing the Master Payroll paid on 11/10/2021 for the payroll period of 10/14/2021 through 10/27/2021 and for the payroll period 10/28/2021 through 11/10/2021, in the amount of \$5,872,129.54.

## K. BID AWARDS

1. Awarding Contracts for the furnishing and delivery of PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES to Toshiba Business Solutions, a division of Toshiba America; Star Data and Unique Photo, Inc., the lowest qualified bidders. No bids were received on Item Nos. 2, 11, 12, 13, 18, 21, 27, 30, 33, 34, 49, 50, 51, 53, 54, 55, 56, 57, 58, 59, 60, 64, 65, 66, 68, 70, 73, 75, 76, 77, 81, 84, 85, 86, 97, 98, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 129, 130, 131, 132, 146, 147, 149, 150, 151, 160, 161, 162, 163, 164, 165, 166, 173, 174, 175, 176 and 177. Recommendation is made to reject Item Nos. 74, 78 and 171. Item Nos. 74, 78 and 171 are rejected as nonresponsive. All no bid and rejected items will be rebid. (B2021-163)
2. Awarding a Contract for the furnishing and delivery of UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE to Action Uniform, Co., LLC, the sole qualified bidder. No bids were received on Item Nos. 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253 and 254, they will be rebid. (B2021-176)
3. Awarding a Contract for the furnishing and delivery of CATCH BASIN BLOCKS to Continental Hardware, Inc., the lowest qualified bidder. (B2021-189)
4. Awarding a Contract for the furnishing and delivery of MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER to Robert H. Hoover and Sons, Inc., the sole qualified bidder. (B2021-192)

5. Awarding a Contract for the furnishing and delivery of MOTOR VEHICLE: THREE WHEELED STREET SWEEPER to Granturk Equipment Co., Inc., the sole qualified bidder. (B2021-193)
6. Awarding a Contract for the furnishing and delivery of MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS to Robert H. Hoover and Sons, Inc., the sole qualified bidder. (B2021-194)
7. Awarding a Contract for the RECONSTRUCTION AND RESURFACING OF PORTIONS OF CERTAIN COUNTY ROADS, CONTRACT 2019C, NO. II to Black Rock Enterprises, LLC, the lowest qualified bidder, in the amount of \$2,680,000.00. (B2021-198E)
8. Awarding a Contract for the STORMWATER MANAGEMENT SOUTH HOPE CHAPEL ROAD DRAINAGE IMPROVEMENTS, JACKSON TOWNSHIP to Earle Asphalt Company, the lowest qualified bidder, in the amount of \$346,113.13. (B2021-199E)
9. Rejecting all bids received for the furnishing and delivery of MOTOR VEHICLE: LOADER due to a clerical error. It will be rebid with revised specifications.
10. Rejecting the sole bid received for the NORTHERN RECYCLING FACILITY MODIFICATIONS AND INSTALLATION OF EQUIPMENT, as the bid substantially exceeds the engineer's estimate. It will be rebid.

#### L. CHANGE ORDERS

1. Awarding Change Order No. 1 to Estock Piping Co., LLC related to the project entitled OCEAN COUNTY COURTHOUSE WEST WING STEAM-TO-HOT WATER CONVERSION, a no cost increase to the contract. (B2021-45CE)

#### M. CONTRACTS

1. Awarding a Contract for RouteMatch/Uber Upgrade & Annual Software/Hardware Maintenance and Support (Ocean Ride) to RouteMatch Software, LLC, in an amount not to exceed \$168,834.00, for the period of 11/18/2021 through 11/17/2024. (CP2021-116)
2. Awarding an Agreement to CONTACT of Ocean and Monmouth Counties, in accordance with the Proclamation of Emergency in response to the Coronavirus, to provide Emergency COVID Quarantine Motel Placement Hotline Services, in the amount of \$85,000.00, for the period of 12/1/2021 through 11/30/2022.
3. Awarding a Competitive Contract for the Division of Family Development Work First New Jersey Transportation Program to Long Beach Island Community Center, Inc. - St. Francis, in an amount not to exceed \$71,630.00 contingent upon adoption of the 2022 Temporary County Budget, for the period of 1/1/2022 through 12/31/2022. (CC2021-117)
4. Authorizing a one (1) year Competitive Contract extension to Fulfill, The Food Bank of Monmouth and Ocean Counties as the Social Services for the Homeless Emergency Food and Food Voucher Program Coordinator, in an amount not to exceed \$60,000.00 contingent upon adoption of the 2022 Temporary County Budget, for the term of 1/1/2022 through 12/31/2022. (CC2019-128)



5. Authorizing a one (1) year extension to the Contract Award with County Business Systems, Inc. to provide NewVision Software, Upgrades, Enhancement and Maintenance Services for Document Recording and Indexing System, in an amount not to exceed \$189,186.00 contingent upon adoption of the 2022 Temporary County Budget and 2022 County Budget, for the period of 1/1/2022 through 12/31/2022. (CP2020-64)
6. Amending a Professional Services Contract with Massimo F. Yezzi, Jr., to provide additional Architectural Services, an increase to the contract in the amount of \$700,000.00. (QP2021-4)
7. Awarding a Purchase Order to DCO Energy, LLC to provide Energy Consulting Services for Enhanced Metering and Trending of Existing Data Points at the ESIP Sites, in an amount not to exceed \$21,500.00. (QP2021-103)
8. Awarding a Purchase Order to Mott MacDonald, LLC to provide Environmental Consulting Services No. II for the termination of Ground Water Remedial Action Permit (RAP) # 170001, in an amount not to exceed \$11,000.00. (QP2021-102)
9. Awarding a Purchase Order to ePlus Technology, Inc. (NJ State Contract No. 21-TELE-01506) to upgrade the Municipal Election Network equipment in compliance with new regulations per the NJ Division of Homeland Security to support the Ocean County Board of Elections, in an amount not to exceed \$65,471.52.
10. Awarding a Purchase Order to ePlus Technology, Inc. (NJ State Contract No. 21-TELE-01506) for new back-up networking equipment for the Ocean County Office of Information Technology, in an amount not to exceed \$58,764.58.
11. Awarding a Purchase Order to Motorola Solutions, Inc. (NJ State Contract No. 83909) for mobile data terminals for the OC Sheriff's Department, in an amount not to exceed \$154,692.33.
12. Awarding a Purchase Order to Pine Creek Forestry LLC to provide Forestry Consulting Services to oversee the Wells Mills County Park Forest Management Plan, in an amount not to exceed \$3,600.00. (QP2021-74)
13. Awarding a Purchase Order to Max Spann Real Estate and Auction Company to provide Auctioneering Services for the Sale of Various Types of Real Property for the OC Natural Lands Trust Fund Program, in an amount not to exceed \$8,500.00. (QP2021-11)
14. Awarding a Purchase Order to Colliers Engineering & Design, Inc. to provide Land Surveying Services for the OC Natural Lands Trust Fund Program, in an amount not to exceed \$41,000.00. (QP2021-62)
15. Awarding a Purchase Order to Mott MacDonald, LLC to provide Engineering Design Services for the OC Natural Lands Trust Fund Program, in an amount not to exceed \$31,800.00. (QP2021-107)
16. Amending the award of a Purchase Order to T&M Associates to provide additional Environmental Consulting Services for the OC Natural Lands Trust Fund Program, an increase to the contract in an amount not to exceed \$8,750.00. (QP2020-96)
17. Amending the award of an emergency Purchase Order to the Visiting Nurses Association of Central Jersey, in accordance with the Proclamation of Emergency in response to the Coronavirus, to reflect an extension to the term of services through 12/31/2021, at no additional cost to the County.

18. Awarding a Purchase Order to Urban Engineers, Inc. to provide additional On-Call Traffic Engineering Professional Services for the Hooper Avenue Corridor Analysis, Walnut Street to Bay Avenue, Toms River Township, an increase to the contract in an amount not to exceed \$17,798.49. (QP2020-58)
19. Awarding a Purchase Order to Johnston Communications, aka Johnston G P Inc. (NJ State Contract No. 80802) to upgrade the existing audio speaker system in the Administration Building Board Room, in an amount not to exceed \$70,672.26.

N. APPOINTMENTS AND REAPPOINTMENTS

1. Appointing Daksha R. Shah, MD, FCAP to the position of Assistant OC Medical Examiner for a term of one (1) year, term to expire 11/29/2022.
2. Reappointing Donato J. Santangelo, III, M.D. to the position of OC Medical Examiner for a term of five (5) years, term to expire 11/30/2026.
3. Reappointing Ronald J. Klebacher, D.O. to the position of Assistant OC Medical Examiner for a term of one (1) year, term to expire 11/19/2022.

O. RECEIVED ITEMS

P. RESOLUTIONS FROM GOVERNING BODIES

1. Township of Brick, Resolution dated 11/9/2021, authorizing the execution of a Schedule "C" Agreement with the County of Ocean for 2022.

Q. MINUTES AND MEETING NOTICES

1. OC Planning Board Meeting Minutes of 10/20/2021.
2. OC Air Park Advisory Committee Meeting Minutes of 10/27/2021.
3. OC Department of Human Services 2022 Meeting Schedule.
4. OC Transportation Advisory Committee for Senior Citizens and Persons with Disabilities, 11/18/2021 Meeting Notice and Agenda.

R. CORRESPONDENCE

1. NJ Division of Rate Counsel, letter dated 11/10/2021 in the matter of the Petition of New Jersey Natural Gas Company for approval of a Municipal Franchise and Consent in the Borough of Pine Beach, BPU Docket No. GE21060914.
2. NJ Department of Banking and Insurance, letter dated 11/11/2021 regarding the bank branch closure activity in Ocean County.
3. Assemblyman Ronald S. Dancer, letter dated Fall-Winter 2021 regarding recent press releases issued by his office.

4. Phyllis Salowe-Kaye, Executive Director, New Jersey Citizen Action, letter dated 11/17/2021 regarding the bank branch closure activity.

S. COMMISSIONER COMMENTS

- T. PUBLIC COMMENTS - "Comments from members of the audience are invited at this time with a limit of five (5) minutes per speaker."

U. ADJOURNMENT

**No Associated  
Documents**

**No Associated  
Documents**

**No Associated  
Documents**

**No Associated  
Documents**

**No Associated  
Documents**



RESOLUTION  
*November 17, 2021*

**WHEREAS**, the voters of Ocean County authorized the Ocean County Natural Lands Trust Fund to provide funds for the acquisition and preservation of natural lands, open spaces and farmland; and

**WHEREAS**, the Ocean County Natural Lands Trust Fund Advisory Committee was established by the Board of Commissioners to review nominations to the program and forward recommendations for acquisition to the Board of Commissioners; and

**WHEREAS**, the Natural Lands Trust Fund Advisory Committee has received a nomination for the property identified as Block 858, Lot 46.01 in the Township of Berkeley totaling approximately 10.01 acres located on Hickory Lane; and

**WHEREAS**, two professional appraisals were authorized to determine the fair market value; and

**WHEREAS**, the Natural Lands Trust Fund Advisory Committee has determined the property's attributes are consistent with the Ocean County Open Space Plan and Recreation Inventory; and

**WHEREAS**, the County of Ocean would acquire the property for a purchase price not to exceed \$1,550,000.00 of equivalent land value; and

**WHEREAS**, a public hearing on the proposed acquisition was conducted by the Board of Commissioners on November 17, 2021 as required by PL 1997, c24.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** as follows:

1. It accepts the recommendation of the Ocean County Natural Lands Trust Fund Advisory Committee to acquire property identified as Block 858, Lot 46.01 in the Township of Berkeley totaling approximately 10.01 acres located on Hickory Lane.
2. It authorizes the expenditure for an acquisition price not to exceed \$1,550,000.00 plus up to \$1,300.00 for property tax adjustments as necessary from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.

**BE IT FURTHER RESOLVED THAT**

1. The proper officers of the Board are authorized and directed to sign all necessary documents in order to effectuate these purchases.
2. The purchase of the property is to be contingent upon the County's acquisition by purchase, deed or gift of the necessary rights-of-way along any County roads bordering the property as determined by the County Engineer.

RESOLUTION: *November 17, 2021*

3. The offices of Ocean County Counsel and County Administrative staff are hereby authorized to take all actions necessary to consummate this transaction and have the fully executed Deeds or Easements recorded in the County Clerk's Office.
4. In the event the seller(s) seek to claim a charitable contribution credit, County Administrative staff may execute the completed IRS form 8283, confirming the sale to Ocean County.
5. The Township of Berkeley has supported acquisition of this property by resolution #20-394-R.
6. Copies of this Resolution shall be made available to the County Administrator; County Planning Director; County Finance Director; County Auditor; County Counsel; County Natural Lands Trust Fund Advisory Committee; the Township of Berkeley; and the landowner.

BILL COMMITTEE REPORT  
COUNTY OF OCEAN  
SUMMARY OF VOUCHERS

SUMMARY OF BILLS

CERTIFICATE# 22

MASTER VOUCHER-CERTIFICATE FOR CERTIFICATION OF PAYMENT

I, THE UNDERSIGNED, DIRECTOR OF THE DEPARTMENT OF ADMINISTRATION  
HAVE EXAMINED THE VOUCHERS SUBMITTED HERE WITHIN FOR THE PURPOSE  
OF RECOMMENDING TO THE OCEAN COUNTY BOARD OF COMMISSIONERS  
PAYMENT THEREOF ON 11/17/2021.

I, HEREBY CERTIFY THESE VOUCHERS, IN THE TOTAL AMOUNT OF \$15,350,983.95  
WHICH ARE CONTAINED IN THE ATTACHED REPORT, TO BE VALID CLAIMS, AND I  
RECOMMEND APPROVAL AND PAYMENT THEREOF.

\_\_\_\_\_  
GERRY P. LITTLE  
DEPUTY DIRECTOR

APPROVED

\_\_\_\_\_  
JOSEPH H. VICARI  
COMMISSIONER

\_\_\_\_\_  
GARY QUINN  
DIRECTOR

\_\_\_\_\_  
JOHN P. KELLY  
COMMISSIONER

ORDERED PAID

\_\_\_\_\_  
VIRGINIA E. HAINES  
COMMISSIONER

\_\_\_\_\_  
MICHELLE I. GUNTHER  
CLERK OF THE BOARD  
BOARD OF COMMISSIONERS

**R E S O L U T I O N**

**NOVEMBER 17, 2021**

**NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, THAT THE DIRECTOR IS HEREBY AUTHORIZED AND INSTRUCTED TO EXECUTE MASTER VOUCHER-CERTIFICATE #22 FOR CERTIFICATION OF SAID MASTER VOUCHER CONSISTING OF 81 PAGES WITH VOUCHERS TOTALING IN THE AMOUNT OF \$15,350,983.95 WHICH ARE DEEMED TO BE VALID CLAIMS AS RECOMMENDED BY THE DIRECTOR OF THE DEPARTMENT OF ADMINISTRATION**

**BE IT FURTHER RESOLVED THAT THE COMPTROLLER OF THE COUNTY OF OCEAN IS HEREBY AUTHORIZED AND DIRECTED TO PAY EACH AND EVERY ONE OF THE AFORESAID BILLS ATTACHED TO THIS MASTER VOUCHER-CERTIFICATE AND, UPON EXECUTION OF SAME BY SAID DIRECTOR, IF AND WHEN FUNDS ARE AVAILABLE.**

BILL COMMITTEE REPORT  
COUNTY OF OCEAN  
SUMMARY OF PAYMENTS  
BOARD MEETING OF NOVEMBER 17, 2021

SUMMARY OF BILLS

CERTIFICATE #ERA-11

MASTER VOUCHER-CERTIFICATE FOR CERTIFICATION OF PAYMENT OF THE  
NOVEMBER 12, 2021 EMERGENCY RENTAL ASSISTANCE ELECTRONIC PAYMENTS.

I, THE UNDERSIGNED, DIRECTOR OF THE BOARD OF COMMISSIONERS HAVE  
EXAMINED THE APPLICATIONS SUBMITTED HERewith FOR THE PURPOSE OF  
RECOMMENDING TO THE OCEAN COUNTY BOARD OF COMMISSIONERS  
RATIFICATION OF THE ELECTRONIC PAYMENT MADE ON NOVEMBER 12, 2021.

I HEREBY CERTIFY THESE APPLICATIONS FOR PAYMENT, IN THE TOTAL AMOUNT  
OF \$50,960.00, WHICH ARE CONTAINED IN THE ATTACHED REPORT, TO BE VALID  
CLAIMS, AND I RECOMMEND APPROVAL AND RATIFICATION OF THE PAYMENT.

\_\_\_\_\_  
GERRY P. LITTLE  
DEPUTY DIRECTOR

APPROVED

\_\_\_\_\_  
JOSEPH H. VICARI  
COMMISSIONER

\_\_\_\_\_  
GARY QUINN  
DIRECTOR

\_\_\_\_\_  
JOHN P. KELLY  
COMMISSIONER

ORDERED PAID

\_\_\_\_\_  
VIRGINIA E. HAINES  
COMMISSIONER

\_\_\_\_\_  
MICHELLE I. GUNTHER  
CLERK OF THE BOARD  
BOARD OF COMMISSIONERS

**R E S O L U T I O N**

**NOVEMBER 17, 2021**

**NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, THAT THE DIRECTOR IS HEREBY AUTHORIZED AND INSTRUCTED TO EXECUTE MASTER VOUCHER-CERTIFICATE FOR CERTIFICATION OF PAYMENT # ERA-11 SAID MASTER VOUCHER, CONSISTING OF 1 PAGE WITH PAYMENTS TOTALING IN THE AMOUNT OF \$50,960.00, WHICH ARE DEEMED TO BE VALID CLAIMS AS RECOMMENDED BY THE CHIEF FINANCIAL OFFICER/DEPARTMENT OF FINANCE.**

**BE IT FURTHER RESOLVED THAT THE COMPTROLLER OF THE COUNTY OF OCEAN IS HEREBY AUTHORIZED AND DIRECTED TO PAY EACH AND EVERY ONE OF THE AFORESAID EMERGENCY RENTAL ASSISTANCE ELECTRONIC PAYMENTS ATTACHED TO THIS MASTER VOUCHER-CERTIFICATE FOR CERTIFICATION OF PAYMENT, UPON EXECUTION OF SAME BY SAID DIRECTOR, IF AND WHEN FUNDS ARE AVAILABLE.**

**No Associated  
Documents**

R E S O L U T I O N

November 17, 2021

WHEREAS, Contract No. B2020-20E was entered into on February 5, 2020 with Mathis Construction Company, Inc., Contractor, for work and services in relation to the Stormwater Management Contract 2019B, Various Townships, Ocean County, New Jersey; and

WHEREAS, during the course of construction minor modifications to contract quantities have become necessary to improve conditions and due to actual field measured conditions; and

WHEREAS, the County Engineer of the County of Ocean has duly filed with this Board a request for a Change Order stating the facts involved and certifying that the proposed Change Order is consistent with regulations for such Change Orders promulgated by the New Jersey Department of Community Affairs, Division of Local Government Services, under authority of N.J.S.A. 52:27BB-32; and

WHEREAS, the Contractor has agreed to accept these changes to the Contract pursuant to the provisions of Sections 104 and 109 of the Standard Specifications; and

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, in the STATE OF NEW JERSEY, that:

1. The County Engineer is hereby authorized to issue Amendatory Contract and Change Order No. 1 to Mathis Construction Company, Inc. as follows: Extra Work Order in the amount of \$49,737.99 and Reduction Order in the amount of \$56,081.22, in connection with the project known as Construction of Stormwater Management Contract 2019B, Various Townships, Ocean County, New Jersey.



2. The Director and Clerk of this Board are hereby authorized and directed to enter into an Amendatory Contract with Mathis Construction Company, Inc. to cover the Change Order No. 1.

3. A certified copy of this resolution shall be sent to the County Engineer, the County Treasurer, the County Auditor and Mathis Construction Company, Inc.

R E S O L U T I O N

November 17, 2021

WHEREAS, Contract No. B2018-30E was entered into on March 7, 2018 with Edward H. Cray, Inc., Contractor, for work and services in relation to the Construction of Long Beach Boulevard Traffic Signal Upgrades Phase B, Group 2, Long Beach Boulevard, Long Beach Township, Ocean County, New Jersey; and

WHEREAS, during the course of construction minor modifications to contract quantities have become necessary to improve conditions and due to actual field measured conditions; and

WHEREAS, the County Engineer of the County of Ocean has duly filed with this Board a request for a Change Order stating the facts involved and certifying that the proposed Change Order is consistent with regulations for such Change Orders promulgated by the New Jersey Department of Community Affairs, Division of Local Government Services, under authority of N.J.S.A. 52:27BB-32; and

WHEREAS, the Contractor has agreed to accept these changes to the Contract pursuant to the provisions of Sections 104 and 109 of the Standard Specifications; and

WHEREAS, adequate funds are available in Account No. 420-185-X008-6800 in the amount of \$18,434.50.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, in the STATE OF NEW JERSEY, that:

1. The County Engineer is hereby authorized to issue Amendatory Contract and Change Order No. 1 to Edward H. Cray, Inc. as follows: Extra Work Order in the amount of \$19,250.75 and Reduction Order in the amount of \$816.25, in connection with the project known as Construction of Long Beach Boulevard Traffic Signal Upgrades Phase B, Group 2, Long Beach Boulevard, Long Beach Township, Ocean County, New Jersey.

2. The Director and Clerk of this Board are hereby authorized and directed to enter into an Amendatory Contract with Edward H. Cray, Inc. to cover the Change Order No. 1.

3. A certified copy of this resolution shall be sent to the County Engineer, the County Treasurer, the County Auditor and Edward H. Cray, Inc.

**No Associated  
Documents**

**No Associated  
Documents**

## **RESOLUTION**

**November 17, 2021**

**WHEREAS**, the State of New Jersey collects annually from consumers approximately \$122 million in telecommunication surcharges as “911 System and Emergency Response Fees (Fees)” and deposits those monies into the 911 System and Emergency Trust Fund Account (Fund); and

**WHEREAS**, the State of New Jersey has collected over \$1.5 billion in fees since 2006 with only 11 percent of Fund monies being spent on eligible expenses including costs associated with emergency response training, operating expenses and capital expenses; and

**WHEREAS**, the State of New Jersey has failed to provide funding for eligible expenses to local 911 centers operated by Counties and municipalities across the State and has instead diverted Fund dollars for ineligible expenses such as funding for the State’s Department of Law and Public Safety; and

**WHEREAS**, in its recent “Annual Report on the Collection and Use of 911 Fees” the Federal Communications Commission (FCC) concluded that New Jersey diverted more than \$92 million of the almost \$123 million in 911 fees collected and adopted rules that now prohibit the State of New Jersey, including its Counties and municipalities from applying for federal grant monies to upgrade 911 centers; and

**WHEREAS**, Counties and municipalities handle the vast majority of 911 service requests through local “Public Safety Answering Points (PSAP)” and have come to inequitably rely on the collection of local property taxpayer dollars to improve, operate and maintain 911 systems; and

**WHEREAS**, Ocean County alone in 2020 answered over 385,182 calls made to the 911 emergency system; and

**WHEREAS**, recently introduced legislation to further enforce the will of the residents legislatively expressed over 15 years ago will assist in prioritizing distribution of 911 System and Emergency Response Trust Fund money, permitting use of funds for certain expenses incurred by Counties and municipalities for the provision and maintenance of 911 emergency services; and

**WHEREAS**, the proposed State legislation, A-5962 and S-4051, requires funds to be distributed on a prioritized basis first to County, regionalized, or large centralized public safety answering points, following by other local public safety answering points.

**NOW, THEREFORE BE IT RESOLVED THAT THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** hereby supports A-5962 and S-4051 to permit funds from the “911 System and Emergency Response Trust Fund Account” to be appropriated for the purposes of paying certain expenses incurred

by Counties and municipalities for the provision and maintenance of 911 emergency services and to prioritize the disbursement of funds for County, regionalized, or centralized public safety answering points and urges the members of the State Legislature and the Governor to support such legislation if it is presented for their consideration.

**BE IT FURTHER RESOLVED** that certified copies of this resolution shall be made available to the other County Boards of Commissioners in all 21 counties, Governor of the State of New Jersey Phil Murphy; the President of the New Jersey State Senate; the Speaker of the General Assembly; and all State Legislators representing Ocean County.

## **RESOLUTION**

**November 17, 2021**

**WHEREAS**, brick and mortar bank branches serve as more than just financial depositories for many members of our communities, especially senior citizens and the underserved residents; and

**WHEREAS**, recent changes to the banking industry, which have resulted in the expedited closure of many bank branches that serve our communities, are having a negative impact on our residents that rely on not just the banking services, but also the security and peace of mind from scammers, that is often provided by tellers and staff; and

**WHEREAS**, bank officials have said that they are transitioning their businesses away from in-person service to an online and virtual model and, while this may work for customers accustomed to computers and smart phones, it is more problematic for our senior citizens who may not be comfortable with the latest technology, those with physical disabilities, and those who have economic hardships; and

**WHEREAS**, Ocean County is home to more than 200,000 senior residents, many of whom are over the age of 85 and often rely on caregivers to assist with their day to day routines, which can also make them more vulnerable to elder fraud; and

**WHEREAS**, many of our seniors and other residents have voiced their concerns to the Ocean County Office of Senior Services and the Ocean County Department of Consumer Affairs that their local bank branches, which they have patronized for years, are suddenly closed and bank employees are redirecting them to "nearby" branches which, based on the size of Ocean County, may be miles away forcing them to drive further distances; and

**WHEREAS**, these actions will also force many low to moderate income residents to seek the assistance of check cashing services which charge fees for simple transactions; and

**WHEREAS**, banking leaders must consider the needs of all of their stakeholders, in particular, their customers that are the heart and soul of any bank; and

**WHEREAS**, our seniors have worked their entire lives and deserve to enjoy their retirement without the added stress of finding and traveling to a bank far from their homes.

**NOW, THEREFORE, BE IT RESOLVED THAT THE OCEAN COUNTY BOARD OF COMMISSIONERS** calls upon the New Jersey Department of Banking and Insurance, the Federal Reserve and the U.S. Department of the Treasury's Comptroller of the Currency to review banking practices including closures that have a direct negative impact on banking customers in Ocean County and across the country, looking closely at disenfranchising customers who rely on the services provided at brick and mortar sites.

**BE IT FURTHER RESOLVED** that the Ocean County Board of Commissioners also calls upon the banks that service Ocean County residents to reconsider some of the actions



currently taken in order to provide closer access to the customers that they serve, especially in sprawling senior communities, ensuring that our most vulnerable citizens are not left behind.

**BE IT FURTHER RESOLVED** that certified copies shall be made available to all Ocean County Mayors, Ocean County Legislators, Ocean County Congressional leaders, the Federal Reserve, the New Jersey Department of Banking and Insurance, the U.S. Department of the Treasury's Comptroller of the Currency, and the New Jersey Bankers Association.

# RESOLUTION

November 17, 2021

**WHEREAS**, the **STATE OF NEW JERSEY**, Department of Children and Families, Division of Children's System of Care has funds available for the **Promising Path to Success 2.0 Contract # 22ASQR**; and

**WHEREAS**, the County of Ocean, Department of Human Services wishes to accept the Promising Path to Success 2.0 contract; and

**WHEREAS**, the amount of funding requested from the State for the Promising Path to Success 2.0 is \$10,000.00; and

**WHEREAS**, the contract term for Promising Path to Success 2.0 is from October 1, 2021 through September 29, 2022.

**NOW, THEREFORE, BE IT RESOLVED** by the **OCEAN COUNTY BOARD OF COMMISSIONERS, STATE OF NEW JERSEY** that the Director and Clerk of the Board are hereby authorized and directed to execute the grant agreement with the **STATE OF NEW JERSEY**, Department of Children and Families, Division of Children's System of Care.

**BE IT FURTHER RESOLVED**, that the Director and Clerk of the Board are hereby authorized and directed to execute any necessary subsequent related documents.

**BE IT FURTHER RESOLVED**, that certified copies of this resolution shall be made available to the County Department of Finance, the County Auditor, the New Jersey State Department of Children and Families, Division of Children's System of Care, and the County Department of Human Services.

**RESOLUTION**  
**November 17, 2021**

**WHEREAS**, the United States of America, State of New Jersey and the County of Ocean have become victims of the COVID-19 Virus and the Pandemic; and

**WHEREAS**, the Coronavirus has caused economic damage and hardship to States, Counties and Municipalities through-out the United States of America; and

**WHEREAS**, on March 27, 2020 the Coronavirus Aid relief and Security Act (CARES Act) was signed by President Donald J. Trump; and

**WHEREAS**, the CARES Act, among other purposes, was enacted, in order to combat the economic damage caused to States, Counties and Municipalities due to the Coronavirus pandemic; and

**WHEREAS**, the population of the County of Ocean meets the threshold of 500,000 to receive CARES Act Coronavirus Relief Funds directly from United States Treasury; and

**WHEREAS**, the County of Ocean has received \$105,949,274.70 of CARES Act Coronavirus Relief Funding; and

**WHEREAS**, the Board of Commissioners have determined that it is in the best interest of the citizens of the County to dedicate a portion of the funding to reimburse Ocean County Joint Insurance Fund for expenses related to the response and mitigation efforts due to Coronavirus; and

**WHEREAS**, the Board of Commissioners has established the OCEAN COUNTY CARES Grant Program (OCCARESGrant) to dedicate a portion of these funds to reimburse Ocean County Joint Insurance Fund for COVID-19 related costs; and

**WHEREAS**, the County of Ocean wishes to enter into an agreement with the Ocean County Joint Insurance Fund for reimbursement of their COVID-19 expenses in response efforts or mitigation of the Coronavirus.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute the OCCARES Grant Program Agreement with the Ocean County Joint Insurance Fund.
2. A fully executed copy of said Agreement shall be kept on file and be available for public inspection in the Office of the Clerk of the Board during normal working hours.
3. A certified copy of this resolution shall be forwarded to the following:
  - Executive Director, Ocean County Joint Insurance Fund
  - Ocean County Department of Finance
  - Ocean County Auditor

**RESOLUTION**  
**November 17, 2021**

**WHEREAS**, the United States of America, State of New Jersey and the County of Ocean have become victims of the COVID-19 Virus and the Pandemic; and

**WHEREAS**, the Coronavirus has caused economic damage and hardship to States, Counties and Municipalities through-out the United States of America; and

**WHEREAS**, on March 27, 2020 the Coronavirus Aid relief and Security Act (CARES Act) was signed by President Donald J. Trump; and

**WHEREAS**, the CARES Act, among other purposes, was enacted, in order to combat the economic damage caused to States, Counties and Municipalities due to the Coronavirus pandemic; and

**WHEREAS**, the population of the County of Ocean meets the threshold of 500,000 to receive CARES Act Coronavirus Relief Funds directly from United States Treasury; and

**WHEREAS**, the County of Ocean has received \$105,949,274.70 of CARES Act Coronavirus Relief Funding; and

**WHEREAS**, the Board of Commissioners have determined that it is in the best interest of the citizens of the County to dedicate a portion of the funding to reimburse Non Profit Agencies for expenses related to the response and mitigation efforts due to Coronavirus; and

**WHEREAS**, the Board of Commissioners has established the OCEAN COUNTY CARES Non Profit Support Program to dedicate a portion of these funds to reimburse Non Profit Agencies for COVID-19 related costs; and

**WHEREAS**, the County of Ocean has approved the first group of applications of the following Non Profit Agencies as follows:

<u>Non Profit Name</u>	<u>Description</u>	<u>Amount</u>
OC-31 Chai Lifeline	Reimbursement for food program provided to home bound chronically ill patients	\$126,257.22
OC-51 Seeds of Service	Reimbursement for food pantry and temporary housing of young adults	\$43,262.91
OC-42 House of Hope	Reimbursement of cost for cleaning procedures, food, shelter and salaries due to COVID-19	\$51,343.86

*Total*

**\$220,863.99**

**WHEREAS**, the County of Ocean wishes to enter into an agreement with each of the Non Profit Agencies listed above; and

**WHEREAS**, funds are now available from CARES Act – CRF account number 019-015-0003.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to execute an agreement for Ocean County CARES Non Profit Support Program with Non Profit Agencies.
2. A fully executed copy of said Agreement shall be kept on file and be available for public inspection in the Office of the Clerk of the Board during normal working hours.
3. A certified copy of this resolution shall be forwarded to the following:
  - Ocean County Department of Finance
  - Ocean County Auditor
  - Non Profit Agencies

**RESOLUTION AUTHORIZING INTERGOVERNMENTAL  
AGREEMENT WITH THE OCEAN COUNTY VOCATIONAL-TECHNICAL  
SCHOOL FOR VEHICLE SERVICES**

November 17, 2021

**WHEREAS**, the County of Ocean has created and established a program to assist municipalities and governmental agencies in the repair and maintenance of vehicles in addition to providing certain materials and supplies in connection therewith; and

**WHEREAS**, the Ocean County Vocational-Technical School has requested the County to provide certain vehicle maintenance services on their vehicles at a cost not to exceed \$75,000.00; and

**WHEREAS**, the Ocean County Vocational-Technical School wishes to enter into an Agreement with the County for the provision of these services;

**NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the Ocean County Vocational-Technical School in Ocean County for the provision of certain vehicle maintenance services, as more specifically set forth in the Agreement.
2. This Agreement shall remain in full force and effect from January 1, 2022 through December 31, 2022.
3. Sufficient funds are available pending adoption of the 2022 County Temporary budget under an appropriation entitled, Schedule "C" – Vehicle Maintenance Account #016-175-4635.
4. Certified copies of this Resolution shall be made available to the Ocean County Vocational-Technical School, Vehicle Services Department, Department of Finance and the Auditor.

RESOLUTION AUTHORIZING EXECUTION OF  
INTERGOVERNMENTAL AGREEMENT WITH  
THE COUNTY OF OCEAN FOR VEHICLE  
MAINTENANCE SERVICE  
Resolution # 10-14-21-I

WHEREAS, the County of Ocean has created and established a program to assist municipalities and governmental agencies in the repair and maintenance of vehicles in addition to providing certain materials and supplies in connection therewith; and

WHEREAS, the Board of Education has appropriated \$75,000.00 for vehicle maintenance services; and

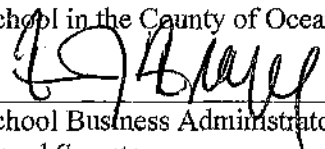
WHEREAS, the governing body of the Ocean County Vocational-Technical School has requested the County to provide certain vehicle maintenance services on school vehicles within the municipality at a cost not to exceed \$75,000.00; and

WHEREAS, the Board of Education wishes to enter into an agreement with the County for the provision of these services;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF EDUCATION OF THE VOCATIONAL SCHOOL IN THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. Board President and Board Secretary of the Board of Education are hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the County of Ocean for the provision of vehicle maintenance services in an amount not to exceed \$75,000.00, as more specifically set forth in that Agreement.
2. A copy of this agreement shall be kept on file and be available for public inspection at the Office of the Board Secretary.
3. This Agreement shall take effect upon full execution by the parties and shall remain in full force and effect through December 31, 2022. Sufficient funds have been appropriated and are available for this purpose in the current school budget.
4. A certified copy of this resolution shall be forwarded to:
  - A. Clerk of the Ocean County Board of Commissioners
  - B. Ocean County Vehicle Maintenance Department
  - C. Ocean County Department of Finance

I, Frank J. Frazee, hereby certify that the above is a true copy of a Resolution adopted by the Board of Education of the Vocational School in the County of Ocean on Oct. 14, 2021.

  
\_\_\_\_\_  
School Business Administrator/  
Board Secretary



**RESOLUTION AUTHORIZING INTERGOVERNMENTAL  
AGREEMENT WITH THE OCEAN COUNTY BOARD OF HEALTH FOR  
VEHICLE SERVICES**

November 17, 2021

**WHEREAS**, the County of Ocean has created and established a program to assist municipalities and governmental agencies in the repair and maintenance of vehicles in addition to providing certain materials and supplies in connection therewith; and

**WHEREAS**, the Ocean County Board of Health has requested the County to provide certain vehicle maintenance services on their vehicles at a cost not to exceed \$200,000.00; and

**WHEREAS**, the Ocean County Board of Health wishes to enter into an Agreement with the County for the provision of these services;

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the Ocean County Board of Health in Ocean County for the provision of certain vehicle maintenance services, as more specifically set forth in the Agreement.
2. This Agreement shall remain in full force and effect from January 1, 2022 through December 31, 2022.
3. Sufficient funds are available pending adoption of the 2022 County Temporary budget under an appropriation entitled, Schedule "C" – Vehicle Maintenance Account #016-175-4635.
4. Certified copies of this Resolution shall be made available to the Ocean County Board of Health, Vehicle Services Department, Department of Finance and the Auditor.

# RESOLUTION

259(21)

October 13, 2021

WHEREAS, the COUNTY OF OCEAN has created and established a program to assist municipalities and governmental agencies in the repair and maintenance of vehicles in addition to providing certain materials and supplies in connection therewith; and

WHEREAS, the Ocean County Board of Health has requested the County to provide certain vehicle maintenance services on Health Department vehicles at a cost not to exceed \$200,000.00; and

WHEREAS, the Ocean County Board of Health wishes to enter into an Agreement with the County of Ocean for the provision of these services; and

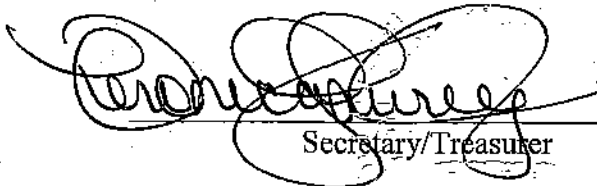
WHEREAS, the Ocean County Board of Health shall make sufficient funds available in the adoption of the 2022 budget.

NOW, THEREFORE, BE IT RESOLVED, by the Ocean County Board of Health as follows:

1. The Chairman of the Ocean County Board of Health is hereby authorized and directed to enter into and execute an Intergovernmental Agreement with the County of Ocean for the provision of vehicle maintenance services for an amount not to exceed \$200,000.00 per contract year.
2. This Agreement shall take effect upon full execution by the parties and shall remain in full force and effect from January 1, 2022 until December 31, 2022.

BE IT FURTHER RESOLVED, that a copy of this Resolution shall be forwarded to the Ocean County Board of Commissioners, the Ocean County Department of Vehicle Services, Holman Frenia Allison, P.C., Auditors for the Ocean County Board of Health.

Name	Bacchione	Blake	Crea	Hill	Laureigh	Mancini	Scaturro	Singer	Mallon
Ayes	✓	✓	✓	✓	✓		✓	✓	✓
Abstain						✓			
Nays									
Absent									

  
Secretary/Treasurer

## **RESOLUTION**

**November 17, 2021**

**WHEREAS**, the protection and preservation of the Barnegat Bay Estuary is of critical importance to the residents of Ocean County; and

**WHEREAS**, the Barnegat Bay Estuary was selected as an estuary of National Significance by the USEPA in July, 1995; and

**WHEREAS**, the Barnegat Bay Estuary Program Comprehensive Conservation Management Plan (CCMP) identifies habitat protection as a priority management issue in Ocean County; and

**WHEREAS**, dune restoration at Island Beach State Park is a recognized habitat protection measure outlined in the CCMP; and

**WHEREAS**, the Ocean County Board of Commissioners assists Ocean County coastal towns with an annual distribution of dune grass and dune fencing; and

**WHEREAS**, the Ocean County Board of Commissioners is desirous of assisting the effort to restore dunes at Island Beach State Park as part of its support to implement the action items of the CCMP.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** as follows:

1. The Board of Commissioners are hereby authorized to enter into an Intergovernmental Agreement with Island Beach State Park to provide "American Beachgrass" variety dune grass, up to 10,000 plants, to be provided to Island Beach State Park for planting of dune habitat restoration.
2. The Ocean County Planning Director is hereby authorized to prepare the necessary documentation to initiate an Intergovernmental Agreement with Island Beach State Park.

**BE IT FURTHER RESOLVED** that copies of this resolution shall be made available to Island Beach State Park; County Administrator; County Counsel; County Planning Director; County Finance Director; Barnegat Bay Partnership Program Director; and the County Auditor.

## **RESOLUTION**

November 17, 2021

**WHEREAS**, the Ocean County Board of Commissioners has adopted and the Commissioner of the New Jersey Department of Environmental Protection has certified, as required by law, a Solid Waste Management Plan for the Ocean County Solid Waste District; and

**WHEREAS**, the Ocean County Board of Commissioners has adopted Amendments to the District Solid Waste Management Plan ("Plan") to provide a comprehensive strategy for the management, recycling and disposal of solid waste generated within the Ocean County Solid Waste District; and

**WHEREAS**, Lakewood Township submitted an Amendment Application on September 17, 2021 to establish a municipal solid waste transfer facility located within their existing Public Works Complex at Block 549.01, Lot 1 and Block 549.02, Lot 1 at One America Avenue, Lakewood Township; and

**WHEREAS**, Ocean County's Department of Solid Waste Management reviewed the Application and determined that it is complete; and

**WHEREAS**, the Solid Waste Advisory Council has adopted a Resolution on September 20, 2021 recommending a Plan Amendment be drafted for the proposed facility; and

**WHEREAS**, the Board authorizes the preparation of a draft Plan Amendment in accordance with the District Solid Waste Management Plan.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. The Department of Solid Waste Management is hereby directed to prepare a draft Plan Amendment for the inclusion of the proposed Lakewood Township Transfer Facility in the Ocean County Solid Waste Management Plan and to advertise the same for Public Hearing as required by law.

2. Certified copies of this Resolution shall be made available to the following:

Township of Lakewood

Department of Solid Waste Management

Ocean County Counsel

# RESOLUTION

November 17, 2021

**WHEREAS**, the Township of Toms River and the County of Ocean have discussed the exchanging of jurisdiction over certain roadways and vacant lots located within Toms River Township; and

**WHEREAS**, the County of Ocean owns several vacant lots within the VA Clinic redevelopment area which would be of use to the Township as part of the parking area for the VA Clinic facilities; and

**WHEREAS**, the Mayor and Council of Toms River Township are desirous of transferring:

1. Castlebuono Avenue
2. Salerno Avenue
3. Caudina Avenue

to the County of Ocean for the purposes of constructing County roadways and for assisting the necessary traffic level of service for the development of the new VA Clinic around and through Hooper Avenue (Exhibit B); and

**WHEREAS**, the County of Ocean agrees to require the construction these streets for this purpose in accordance with current Ocean County standards; and

**WHEREAS**, in consideration for the roadway dedication, the County of Ocean wishes to convey all interest in Block 606.01, Lots 374-379, to the Township of Toms River for use in the development of the VA Clinic site (Exhibit A).

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS, OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS FOLLOWS:**

1. Pursuant to N.J.S.A. 27:16-5, the Mayor and Council of Toms River Township will relinquish said jurisdiction of the following roads to the Board of Commissioners of the County of Ocean:

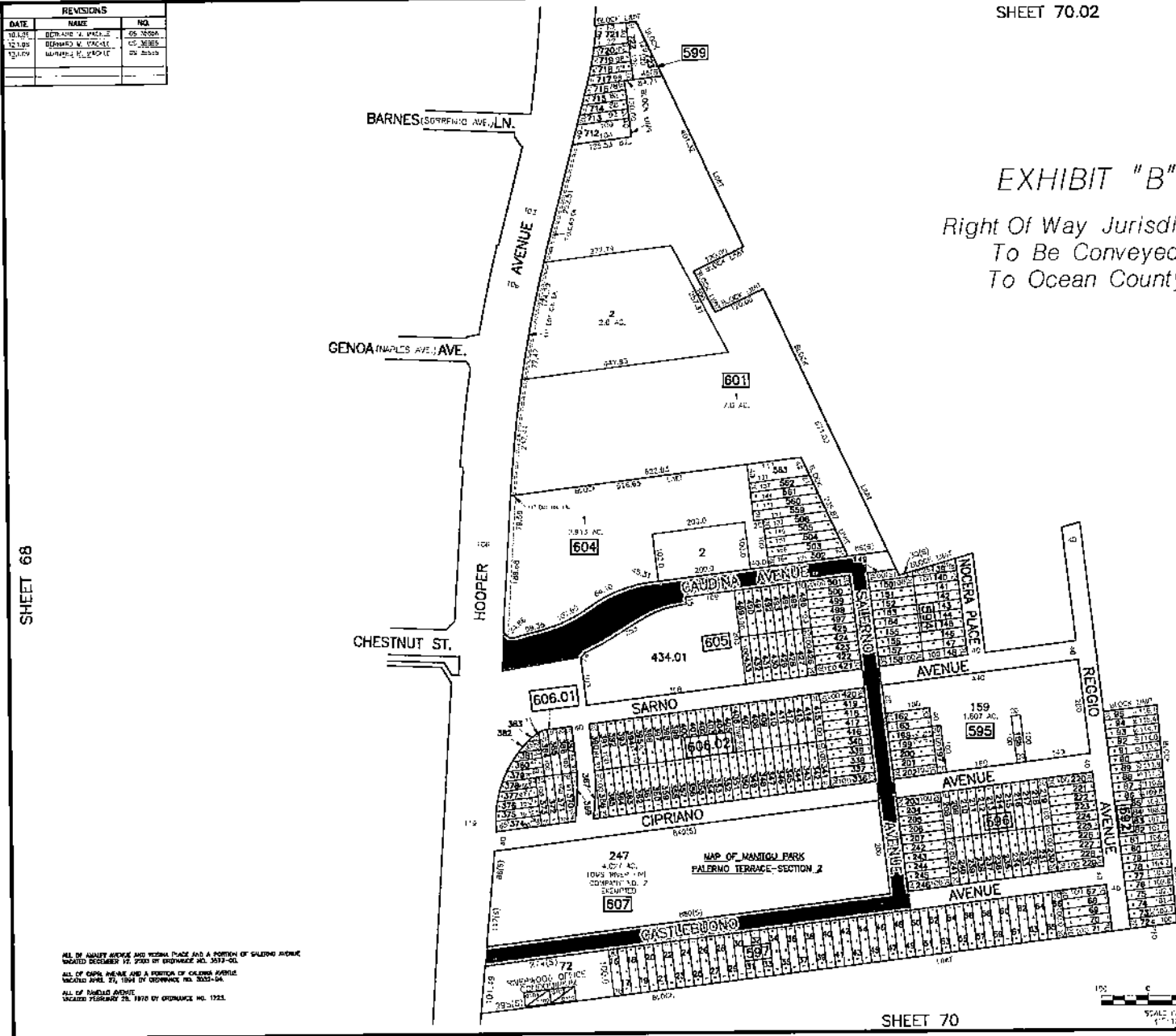
<u>ROAD NAME</u>	<u>LENGTH</u>
Castlebuono Avenue	(Hooper Avenue to Salerno Avenue)
Salerno Avenue	(Castlebuono Avenue to Caudina Avenue)
Caudina Avenue	(entire length)

2. County Counsel is hereby authorized and directed to prepare all necessary documents for transfer of title for the vacant lots to Toms River Township and the Director and Clerk of the Board are authorized to execute the same.

3. Copies of this Resolution shall be forwarded to the Ocean County Engineer, County Counsel, Toms River Township Engineer, and Toms River Township Municipal Clerk.

REVISIONS		
DATE	REVISION	BY
12.1.99	REVISION 1	CS. BOGA
12.1.99	REVISION 2	CS. BOGA
12.1.99	REVISION 3	CS. BOGA

SHEET 68



SHEET 70.02

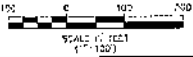
**EXHIBIT "B"**  
 Right Of Way Jurisdiction  
 To Be Conveyed  
 To Ocean County

SHEET 70

ALL OF HADLEY AVENUE AND VERNAL PLACE AND A PORTION OF GALERNO AVENUE  
 DEDICATED DECEMBER 10, 2003 BY ORDINANCE NO. 3033-03.  
 ALL OF CIPRI AVENUE AND A PORTION OF GALERNO AVENUE  
 DEDICATED APRIL 27, 1994 BY ORDINANCE NO. 3033-04.  
 ALL OF PALERMO AVENUE  
 DEDICATED FEBRUARY 25, 1970 BY ORDINANCE NO. 1123.

THIS SHEET HAS BEEN REDRAWN USING COMPUTER AIDED  
 DRAFTING/DESIGN (CAD/D) BASED ON THE MAP PREPARED  
 BY WILLIAM PROSLEY DATED 1991.

**TAX MAP**  
**TOWNSHIP OF TOMS RIVER**  
 OCEAN COUNTY, NEW JERSEY  
 SCALE: 1"=100' OCTOBER 2003  
 LAWRENCE P. CAGLIOSTRO  
 PE & PLS NO. 19747  
 33 WASHINGTON ST., TOMS RIVER, NJ



SHEET 70

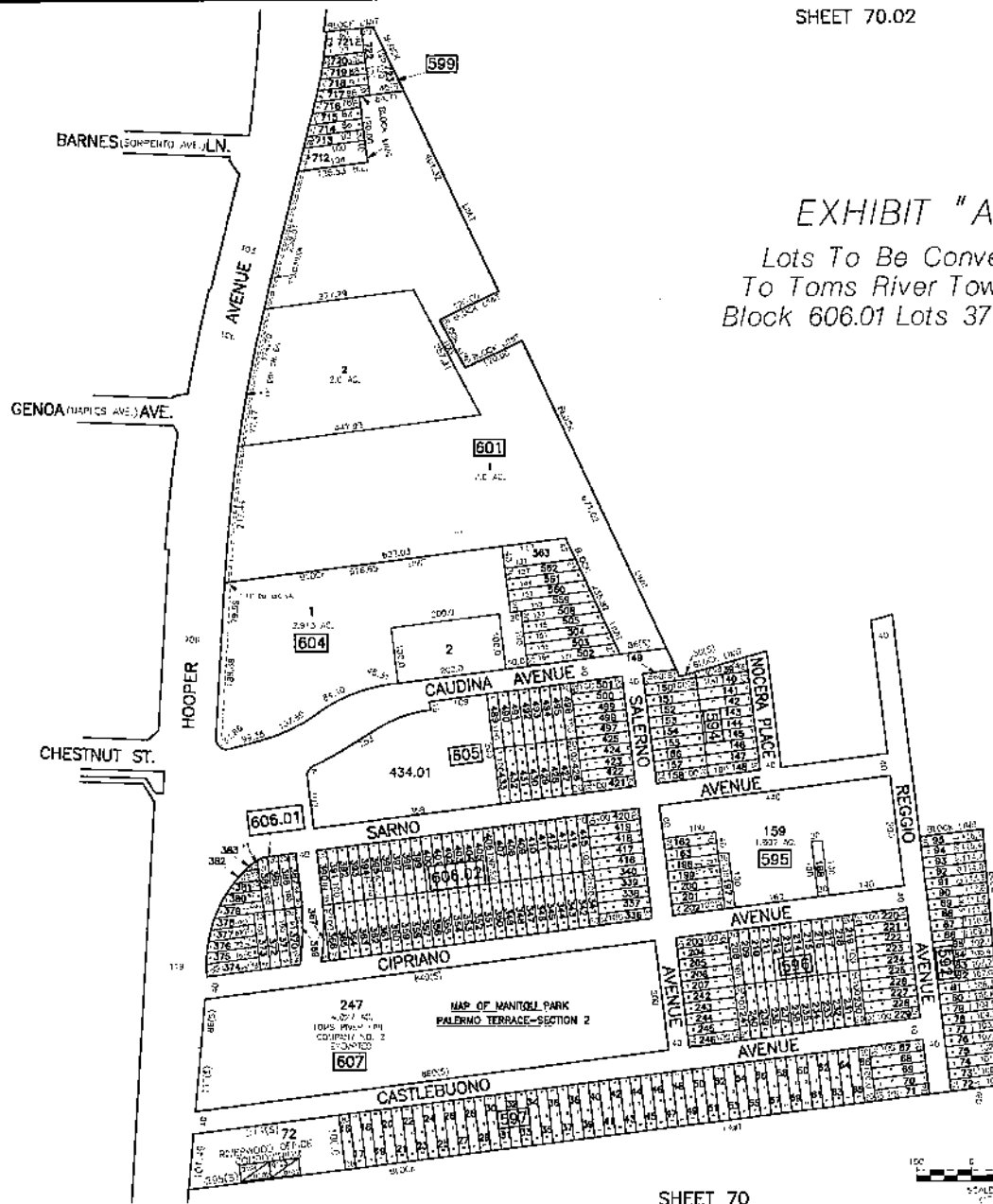


REVISIONS		
DATE	NAME	NO.
10/20/03	GERALD W. MADOLE	01
10/16/03	GERALD W. MADOLE	02
10/15/03	GERALD W. MADOLE	03

SHEET 70.02

SHEET 70

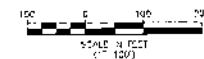
**EXHIBIT "A"**  
 Lots To Be Conveyed  
 To Toms River Township  
 Block 606.01 Lots 374 - 379



SHEET 68

THIS SHEET HAS BEEN REDRAWN USING COMPUTER AIDED DRAFTING/DESIGN (CAD/D) BASED ON THE MAP PREPARED BY WILLIAM PRISTLEY DATED 1991.

**TAX MAP**  
**TOWNSHIP OF TOMS RIVER**  
 OCEAN COUNTY, NEW JERSEY  
 SCALE: 1"=100' OCTOBER 2003  
 LAWRENCE P. CAGLIOSTRO  
 PE & PLS NO. 19747  
 33 WASHINGTON ST., TOMS RIVER, NJ



SHEET 70

ALL OF ARNOLD AVENUE AND PORTION PLACE AND A PORTION OF SALEM AVENUE LOCATED DECEMBER 10, 2000 BY ORDINANCE NO. 3093-00.  
 ALL OF CAPS AVENUE AND A PORTION OF CAUDINA AVENUE LOCATED APRIL 27, 1991 BY ORDINANCE NO. 3033-94.  
 ALL OF CAVALLI AVENUE, LOCATED FEBRUARY 26, 1978 BY ORDINANCE NO. 1772.

**RESOLUTION**  
November 17, 2021

**WHEREAS**, on August 21, 2019, the Ocean County Board of Chosen Freeholders County of Ocean ("County") acquired property and improvements known as Block 390, Lot 11 in the Township of Toms River under the Ocean County Natural Lands Trust Fund for farmland preservation; and

**WHEREAS**, the Property qualified for and was enrolled in the Ocean County Agricultural Development Board ("OCADB") farmland preservation program on September 1, 2021, all properties are deed-restricted for farmland preservation purposes, and

**WHEREAS**, the conveyance of the aforementioned easement to the State of New Jersey and the restrictive covenant to the County resulted in preservation of the Property for the farmland so that it is not necessary for County to hold the remaining fee simple interest in the land. Accordingly, the County does hereby determine that a fee simple interest in the property set forth in Schedule A is no longer needed for public use; and

**WHEREAS**, the County is permitted to sell the aforementioned property by auction in accordance with N.J.S.A. 40A:12-13(a) and any other applicable law.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY:**

1. The County of Ocean hereby declares that the property known as Block 390, Lot 11 in the Township of Toms River are no longer needed for public use and should be sold at public auction, subject to the easement set forth above, together with any other easements and restrictions of record.
2. The County of Ocean will offer the land and premises Block 390, Lot 11 in the Township of Toms River for sale at public auction to be in Room 119, at 101 Hooper Avenue, Toms River, NJ 08753 January 27, 2022 at 11 a.m., or as soon thereafter as the matter can be reached, upon the following terms and conditions:
  - a. The auctioneer shall establish such procedure as may be reasonable and necessary to effectuate the orderly sale of the parcels set forth hereinabove.
  - b. The sale shall be advertised in the official newspaper of the County at least once a week during two (2) consecutive weeks, the last publication to be no earlier than seven (7) days prior to the public auction.
  - c. Statutorily required public hearings to authorize the public sale will be held 129 Hooper Avenue, Toms River, New Jersey 08753 in the third floor Engineering Conference Room on December 22, 2021, at 4:00 p.m.
  - d. Information on the property (property transfer reports) will be available for inspection at least thirty (30) days before the first public hearing, at the Ocean County Department of Planning, First Floor, 129 Hooper Avenue, Toms River, New Jersey 08753, business days between 8:00 a.m. and 5:00 p.m., the same information may be found online at the Departments website. <http://www.planning.co.ocean.nj.us/>

- e. Public comments on this sale may be given orally at the public hearing or submitted in writing to the attention of Mark Villinger, Ocean County Planning Department, PO Box 2191, Toms River, New Jersey, 08753.
- f. The highest bidder shall be the Buyer, subject to the right by the County to reject any and all bids. Acceptable bids shall be confirmed by Resolution of the Board of Commissioners no later than the first regular meeting of the Board of Commissioners following the date of such sale. The closing of title shall take place no earlier than March 22, 2022. The successful bidder may enter into a Use and Occupancy Agreement solely for the purpose of planting crops and for a term no longer than 90 days from the date of the auction.
- g. It shall be the responsibility of the successful bidder to pay all closing costs and expenses related to the sale. At closing of title, the successful bidder shall pay a 10% Buyer's premium to the Auctioneer who conducted the sale.
- h. There are no tenancies between the County and any persons who may be occupying any structures.
- i. This public sale is made subject to such state of facts as an accurate survey may disclose, easements, conditions, covenants and restrictions of record, tenancies, codes and ordinances of the Township of Toms River. No representations of any kind are made by the County of Ocean as to the conditions of the lands and structures, if any, are being sold in their present condition "as is." All prospective purchasers are put on notice to consult appropriate public and private authorities as to the provisions of utility services.
- j. At least ten percent (10%) of the bid price shall be paid by the successful bidder at the time of the auction and same may be paid by cashier's check or certified check. Potential bidders may prior to the time of the auction electronically wire funds to an escrow account as designated by the Seller to be held pending the sale. No cash deposits will be accepted. The balance of the purchase price, which shall include all other fees herein provided, shall be paid by certified check, bank check or the electronic wiring of funds.
- k. In the event the successful bidder fails to pay the balance of the purchase price as herein provided or fails to comply with any other term of this Resolution, the deposit shall be forfeited and retained by the County as the measure of its damages and the sale canceled. Such remedies shall be in addition to any other remedies available to the County.
- l. The form of conveyance of said lands by the County of Ocean shall be a standard form of bargain and sale deed without covenants. The successful bidder shall promptly notify County Counsel in writing of any specific request for designation of Grantees in said deed.
- m. Except as otherwise provided in the terms and conditions of this Resolution, if the title to the property shall prove to be unmarketable or uninsurable at regular rates by a reputable title company licensed to do business in New Jersey, or the highest bid rejected, the liability of the County shall be limited to the repayment of the purchase price without any further costs, expenses, damage or claim. It shall be the purchaser's responsibility to secure its own title searches. The Office of County Counsel will prepare the deed and secure a proper legal description of the property obtained by the bidder and record said deed. Notice of any alleged defect in title or claim of unmarketability shall be given to the County Counsel in writing no later than twenty-one (21) days after the date of the confirmation of the public sale by the Board of Commissioners. Failure to give such notice within said time limit shall be deemed to be conclusive that the purchaser accepts the title in its then present condition.

- n. Prospective purchasers are put on notice that there are specific restrictions as reflected in certain of the parcels in the preamble hereof and are hereby confirmed. You are placed on notice of possible restrictions to the use of the property imposed by State Law. The Property is deed restricted and subject to the Farmland Preservation Program and is administered by the State Agriculture Development Committee ("SADC").
  - o. All prospective purchasers are put on notice that no employee, agent, officer, body or subordinate body of the County has the authority to waive, modify, or amend any of the terms and conditions of the public sale and of this notice.
  - p. On behalf of the County of Ocean the Director, Clerk of the Board of Commissioners and County Counsel, as appropriate, are authorized to prepare and sign any and all documentation necessary to effectuate the sale of the property to the successful bidder, once the contract is awarded.
3. Certified copies of this Resolution shall be forwarded to the County Administrator, County Auditor, Chief Financial Officer, Director of Planning, County Counsel, and the State Agriculture Development Committee.

RESOLUTION

**November 17, 2021**

Resolution: Approval to submit a grant application and execute a grant contract with the New Jersey Department of Transportation for the **Replacement of Hurricane Bridge (Structure No. 1518-012), Whiting-New Egypt Road (C.R. 539) over Old Hurricane Brook, Manchester Township** project.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the County of Ocean formally approves the grant application for the above stated project.

BE IT FURTHER RESOLVED that the Director and Clerk are hereby authorized to submit an electronic grant application identified as **LBFN-2022 Replacement of Hurricane Bridge-00023** to the New Jersey Department of Transportation on behalf of Ocean County.

BE IT FURTHER RESOLVED that County Administrator and Clerk are hereby authorized to sign the grant agreement on behalf of Ocean County and that their signature constitutes acceptance of the terms and conditions of the grant agreement and approves the execution of the grant agreement.

Certified as a true copy of the Resolution adopted by the Ocean County Board of Commissioners on this **17th day of November 2021**.

My signature and the Clerk's seal serve to acknowledge the above resolution and constitute acceptance of the terms and conditions of the grant agreement and approve the execution of the grant agreement as authorized by the resolution above.

ATTEST and AFFIX SEAL

\_\_\_\_\_  
Michelle I. Gunther  
Clerk of Board

\_\_\_\_\_  
Gary Quinn  
Director

RESOLUTION

**November 17, 2021**

BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, that the Director and Clerk of the Board are hereby authorized and directed to execute a Shared Services Agreement between the County of Ocean and the Township of Lakewood for the Construction of Traffic Signal Improvements at James Street (CR-32) and Williams Street, Lakewood Township.

BE IT FURTHER RESOLVED that certified copies of this Resolution be sent to the Ocean County Department of Engineering, Department of Finance, and the Township of Lakewood.

RESOLUTION  
*November 17, 2021*

**WHEREAS**, the voters of Ocean County authorized the Ocean County Natural Lands Trust Fund to provide funds for the acquisition and preservation of natural lands, open spaces and farmland; and

**WHEREAS**, the Ocean County Natural Lands Trust Fund Advisory Committee was established by the Board of Commissioners to review nominations to the program and forward recommendations for acquisition to the Board of Commissioners; and

**WHEREAS**, the Township of Berkeley has expressed interest in preserving properties within its Transfer of Development Rights Sending Areas; and

**WHEREAS**, the Township of Berkeley has agreed to donate its property identified in the attached "Addendum A" within a delineated project area adjacent to Ocean County Natural Lands Trust Fund property; and

**WHEREAS**, the Natural Lands Trust Fund Advisory Committee has requested a blanket appraisal of the project area to be consulted when contacting private owners.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** as follows:

1. It accepts the recommendation of the Ocean County Natural Lands Trust Fund Advisory Committee to accept the Berkeley Township property identified in the attached "Addendum A."
2. It accepts the recommendation of the Natural Lands Trust Fund Committee to pursue the acquisition of privately held parcels identified in the attached "Addendum B" from willing sellers.
3. It authorizes the acquisition of privately held parcels identified in attached "Addendum B" by gift, donation, or purchase consistent with appraisals authorized by the Natural Lands Trust Fund Advisory Committee.

**BE IT FURTHER RESOLVED THAT**

1. The proper officers of the Board are authorized and directed to sign all necessary documents in order to effectuate these acquisitions.
2. The purchase of the property is to be contingent upon the County's acquisition by purchase, deed or gift of the necessary rights-of-way along any County roads bordering the property as determined by the County Engineer.
3. The offices of Ocean County Counsel and County Administrative staff are hereby authorized to take all actions necessary to consummate this transaction and have the fully executed Deeds or Easements recorded in the County Clerk's Office.
4. The Township of Berkeley has approved by Resolution the donation of its municipal property to the County of Ocean by resolution #2021-402-R.
5. Certified copies of this Resolution shall be forwarded to the Township of Berkeley; Chairman of the Ocean County Natural Lands Trust Fund Advisory Committee, County Administrator, County Counsel, County Planning Director, County Finance Director, and the County Auditor.

## Berkeley Owned Parcels In/Near TDR Areas

## Addendum A

BLOCK	LOT	PropLoc	LandDesc	AddLots	Zoning	TaxMap
249	3	GRAND CENTRAL PKW	50X150	<Null>	R150	39
251	7	COLUMBUS CIRCLE NE	100X100	8,9,10	R400	40
251	8	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
251	9	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
251	10	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
252	1	HOPEDALE DR	125X150	2	R400	40
252	2	HOPEDALE DR	125X150	<Null>	R400	40
252	4	HOPEDALE DR	100X150	5	R400	40
252	5	HOPEDALE DR	100X150	<Null>	R400	40
252	6	HOPEDALE DR	50X150	<Null>	R400	40
				9,10,11,12,13,14,15,16,17,18,19,20,21,22,23		
252	8	COLUMBUS CIRCLE NE	400X100	3	R400	40
252	9	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	10	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	11	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	12	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	13	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	15	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	16	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	17	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	18	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	19	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	20	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	21	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	22	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
252	23	COLUMBUS CIRCLE NE	400X100	<Null>	R400	40
270	12	COLUMBUS CIRCLE NE	250X125	14,16,22-26	R400	39
270	14	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	16	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	22	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	23	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	24	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	25	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
270	26	COLUMBUS CIRCLE NE	250X125	<Null>	R400	39
271	1	KIMBERLY ST	.18AC	<Null>	R400	40
271	5	LYONS AVE	50X100	6	R400	40
271	6	LYONS AVE	50X100	<Null>	R400	40
271	9	LYONS AVE	25X100	<Null>	R400	40
271	14	LYONS AVE	50X136	15	R400	40
271	15	LYONS AVE	50X136	<Null>	R400	40
271	16	COLUMBUS CIRCLE NE	.19AC	17,18	R400	40
271	17	COLUMBUS CIRCLE NE	.19AC	<Null>	R400	40
271	18	COLUMBUS CIRCLE NE	.19AC	<Null>	R400	40
273	2	STUYVESANT AVE	100X125	3	R400	40



Berkeley Owned Parcels In/Near TDR Areas  
Addendum A

273	3	STUYVESANT AVE	100X125	<Null>	R400	40
273	5	WOODHAVEN BLVD	50X175	<Null>	R400	40
273	9	HAWTHORNE AVE	.12 AC	<Null>	R400	40
273	18	COLUMBUS CIRCLE NE	100X100	19-21	R400	40
273	19	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
273	20	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
273	21	COLUMBUS CIRCLE NE	100X100	<Null>	R400	40
274	1	CLINTON AVE	175X125	2,3	R400	40
274	2	CLINTON AVE	175X125	<Null>	R400	40
274	3	CLINTON AVE	175X125	<Null>	R400	40
274	6	WOODHAVEN BLVD	50X175	<Null>	R400	40
274	7	STUYVESANT AVE	75X125	<Null>	R400	40
274	8	STUYVESANT AVE	100X125	9	R400	40
274	9	STUYVESANT AVE	100X125	<Null>	R400	40
274	10	COLUMBUS CIRCLE NE	25X100	<Null>	R400	40
274	11	COLUMBUS CIRCLE NE	375X100	12,13,14,15,16,17,18, 19,20,21	R400	40
274	12	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	13	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	15	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	16	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	17	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	18	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	19	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	20	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	21	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	22	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	23	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	24	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
274	25	COLUMBUS CIRCLE NE	375X100	<Null>	R400	40
304	1	KINGS HWY	.35AC	2	R150	37
304	2	KINGS HWY	.35AC	<Null>	R150	37
304	3	KINGS HWY	50X125	<Null>	R150	37
304	4	KINGS HWY	.923AC	7,9,10,11	R150	37
304	7	KINGS HWY	.923AC	<Null>	R150	37
304	9	KINGS HWY	.923AC	<Null>	R150	37
304	10	KINGS HWY	.923AC	<Null>	R150	37
304	11	KINGS HWY	.923AC	<Null>	R150	37
304	12	CONTINENTAL AVE	100X125	14	R150	37
304	14	CONTINENTAL AVE	100X125	<Null>	R150	37
309	17	KINGS HWY	125X125	18	R150	37
309	18	KINGS HWY	125X125	<Null>	R150	37
312	1	WASHINGTON AVE	2.31AC	2,3,4,5,6,7	R400	38
312	2	WASHINGTON AVE	2.31AC	<Null>	R400	38
312	3	WASHINGTON AVE	2.31AC	<Null>	R400	38
312	4	WASHINGTON AVE	2.31AC	<Null>	R400	38
312	5	WASHINGTON AVE	2.31AC	<Null>	R400	38

Berkeley Owned Parcels In/Near TDR Areas  
Addendum A

312	6	WASHINGTON AVE	2.31AC	<Null>	R400	38
312	7	WASHINGTON AVE	2.31AC	<Null>	R400	38
313	14	KINGS HWY	75X125	<Null>	R400	38
314	1	TILTON BLVD	1.865AC	2-4,6-10,12-14	R400	38
314	2	TILTON BLVD	1.865AC	<Null>	R400	38
314	3	TILTON BLVD	1.865AC	<Null>	R400	38
314	4	TILTON BLVD	1.865AC	<Null>	R400	38
314	6	TILTON BLVD	1.865AC	<Null>	R400	38
314	7	TILTON BLVD	1.865AC	<Null>	R400	38
314	8	TILTON BLVD	1.865AC	<Null>	R400	38
314	9	TILTON BLVD	1.865AC	<Null>	R400	38
314	10	TILTON BLVD	1.865AC	<Null>	R400	38
314	12	TILTON BLVD	1.865AC	<Null>	R400	38
314	13	TILTON BLVD	1.865AC	<Null>	R400	38
314	14	TILTON BLVD	1.865AC	<Null>	R400	38
315	1	WASHINGTON AVE	250X125 &	2,3,4&6-16(EVEN)	R400	38
315	2	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	3	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	4	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	6	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	8	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	10	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	12	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	14	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	16	WASHINGTON AVE	250X125 &	<Null>	R400	38
315	17	CONTINENTAL AVE	75X125	<Null>	R400	38
316	1	TILTON BLVD	3.30AC	2-12,14-20	R400	38
316	2	TILTON BLVD	3.30AC	<Null>	R400	38
316	3	TILTON BLVD	3.30AC	<Null>	R400	38
316	4	TILTON BLVD	3.30AC	<Null>	R400	38
316	5	TILTON BLVD	3.30AC	<Null>	R400	38
316	6	TILTON BLVD	3.30AC	<Null>	R400	38
316	7	TILTON BLVD	3.30AC	<Null>	R400	38
316	8	TILTON BLVD	3.30AC	<Null>	R400	38
316	9	TILTON BLVD	3.30AC	<Null>	R400	38
316	10	TILTON BLVD	3.30AC	<Null>	R400	38
316	11	TILTON BLVD	3.30AC	<Null>	R400	38
316	12	TILTON BLVD	3.30AC	<Null>	R400	38
316	14	TILTON BLVD	3.30AC	<Null>	R400	38
316	15	TILTON BLVD	3.30AC	<Null>	R400	38
316	16	TILTON BLVD	3.30AC	<Null>	R400	38
316	17	TILTON BLVD	3.30AC	<Null>	R400	38
316	18	TILTON BLVD	3.30AC	<Null>	R400	38
316	19	TILTON BLVD	3.30AC	<Null>	R400	38
316	20	TILTON BLVD	3.30AC	<Null>	R400	38
317	1	ELM PL	325X300 &	2,3,6-18	R400	38
317	2	ELM PL	325X300 &	<Null>	R400	38

Berkeley Owned Parcels In/Near TDR Areas  
Addendum A

317	3	ELM PL	325X300 &	<Null>	R400	38
317	6	ELM PL	325X300 &	<Null>	R400	38
317	7	ELM PL	325X300 &	<Null>	R400	38
317	8	ELM PL	325X300 &	<Null>	R400	38
317	9	ELM PL	325X300 &	<Null>	R400	38
317	10	ELM PL	325X300 &	<Null>	R400	38
317	11	ELM PL	325X300 &	<Null>	R400	38
317	12	ELM PL	325X300 &	<Null>	R400	38
317	13	ELM PL	325X300 &	<Null>	R400	38
317	14	ELM PL	325X300 &	<Null>	R400	38
317	15	ELM PL	325X300 &	<Null>	R400	38
317	16	ELM PL	325X300 &	<Null>	R400	38
317	17	ELM PL	325X300 &	<Null>	R400	38
317	18	ELM PL	325X300 &	<Null>	R400	38
				2,3,4,5,6,7,8,9,10,11, 12,13,14,15,16,17,18, 19,20,21,22,23,24		
318	1	BERKSHIRE PL	386X325		R400	40
318	2	BERKSHIRE PL	386X325	<Null>	R400	40
318	3	BERKSHIRE PL	386X325	<Null>	R400	40
318	4	BERKSHIRE PL	386X325	<Null>	R400	40
318	5	BERKSHIRE PL	386X325	<Null>	R400	40
318	6	BERKSHIRE PL	386X325	<Null>	R400	40
318	7	BERKSHIRE PL	386X325	<Null>	R400	40
318	8	BERKSHIRE PL	386X325	<Null>	R400	40
318	9	BERKSHIRE PL	386X325	<Null>	R400	40
318	10	BERKSHIRE PL	386X325	<Null>	R400	40
318	11	BERKSHIRE PL	386X325	<Null>	R400	40
318	12	BERKSHIRE PL	386X325	<Null>	R400	40
318	13	BERKSHIRE PL	386X325	<Null>	R400	40
318	14	BERKSHIRE PL	386X325	<Null>	R400	40
318	15	BERKSHIRE PL	386X325	<Null>	R400	40
318	16	BERKSHIRE PL	386X325	<Null>	R400	40
318	17	BERKSHIRE PL	386X325	<Null>	R400	40
318	18	BERKSHIRE PL	386X325	<Null>	R400	40
318	19	BERKSHIRE PL	386X325	<Null>	R400	40
318	20	BERKSHIRE PL	386X325	<Null>	R400	40
318	21	BERKSHIRE PL	386X325	<Null>	R400	40
318	22	BERKSHIRE PL	386X325	<Null>	R400	40
318	23	BERKSHIRE PL	386X325	<Null>	R400	40
318	24	BERKSHIRE PL	386X325	<Null>	R400	40
				2,3,4,5,6,7,8,9,10,11, 12,13,14,15,16,17,18, 19,20,21,22,23,24,25, 26,27,28		
319	1	TILTON BLVD	650X275		R400	38
319	2	TILTON BLVD	650X275	<Null>	R400	38
319	3	TILTON BLVD	650X275	<Null>	R400	38

Berkeley Owned Parcels In/Near TDR Areas  
Addendum A

319	4	TILTON BLVD	650X275	<Null>	R400	38
319	5	TILTON BLVD	650X275	<Null>	R400	38
319	6	TILTON BLVD	650X275	<Null>	R400	38
319	7	TILTON BLVD	650X275	<Null>	R400	38
319	8	TILTON BLVD	650X275	<Null>	R400	38
319	9	TILTON BLVD	650X275	<Null>	R400	38
319	10	TILTON BLVD	650X275	<Null>	R400	38
319	11	TILTON BLVD	650X275	<Null>	R400	38
319	12	TILTON BLVD	650X275	<Null>	R400	38
319	13	TILTON BLVD	650X275	<Null>	R400	38
319	14	TILTON BLVD	650X275	<Null>	R400	38
319	15	TILTON BLVD	650X275	<Null>	R400	38
319	16	TILTON BLVD	650X275	<Null>	R400	38
319	17	TILTON BLVD	650X275	<Null>	R400	38
319	18	TILTON BLVD	650X275	<Null>	R400	38
319	19	TILTON BLVD	650X275	<Null>	R400	38
319	20	TILTON BLVD	650X275	<Null>	R400	38
319	21	TILTON BLVD	650X275	<Null>	R400	38
319	22	TILTON BLVD	650X275	<Null>	R400	38
319	23	TILTON BLVD	650X275	<Null>	R400	38
319	24	TILTON BLVD	650X275	<Null>	R400	38
319	25	TILTON BLVD	650X275	<Null>	R400	38
319	26	TILTON BLVD	650X275	<Null>	R400	38
319	27	TILTON BLVD	650X275	<Null>	R400	38
319	28	TILTON BLVD	650X275	<Null>	R400	38
				2,3,4,5,6,7,8,9,10,11, 12,13,14,15,16,17,18, 19		
320	1	PROSPECT AVE	2.0AC	<Null>	R400	40
320	2	PROSPECT AVE	2.0AC	<Null>	R400	40
320	3	PROSPECT AVE	2.0AC	<Null>	R400	40
320	4	PROSPECT AVE	2.0AC	<Null>	R400	40
320	5	PROSPECT AVE	2.0AC	<Null>	R400	40
320	6	PROSPECT AVE	2.0AC	<Null>	R400	40
320	7	PROSPECT AVE	2.0AC	<Null>	R400	40
320	8	PROSPECT AVE	2.0AC	<Null>	R400	40
320	9	PROSPECT AVE	2.0AC	<Null>	R400	40
320	10	PROSPECT AVE	2.0AC	<Null>	R400	40
320	11	PROSPECT AVE	2.0AC	<Null>	R400	40
320	12	PROSPECT AVE	2.0AC	<Null>	R400	40
320	13	PROSPECT AVE	2.0AC	<Null>	R400	40
320	14	PROSPECT AVE	2.0AC	<Null>	R400	40
320	15	PROSPECT AVE	2.0AC	<Null>	R400	40
320	16	PROSPECT AVE	2.0AC	<Null>	R400	40
320	17	PROSPECT AVE	2.0AC	<Null>	R400	40
320	18	PROSPECT AVE	2.0AC	<Null>	R400	40
320	19	PROSPECT AVE	2.0AC	<Null>	R400	40
321	1	TILTON BLVD	2.181 AC.	2,3&5-13&17,18	R400	40

Berkeley Owned Parcels In/Near TDR Areas  
Addendum A

321	2	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	3	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	5	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	6	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	7	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	8	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	9	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	10	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	11	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	12	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	13	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	17	TILTON BLVD	2.181 AC.	<Null>	R400	40
321	18	TILTON BLVD	2.181 AC.	<Null>	R400	40
322	1	TILTON BLVD	2.81 AC.	4,6-8,10,12-19	R400	40
322	4	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	6	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	7	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	8	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	10	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	12	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	13	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	14	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	15	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	16	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	17	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	18	TILTON BLVD	2.81 AC.	<Null>	R400	40
322	19	TILTON BLVD	2.81 AC.	<Null>	R400	40
323	1	TILTON BLVD	125X150	2	R400	40
323	2	TILTON BLVD	125X150	<Null>	R400	40
323	5	TILTON BLVD	1.57 AC.	7,9-16	R400	40
323	7	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	9	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	10	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	11	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	12	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	13	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	14	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	15	TILTON BLVD	1.57 AC.	<Null>	R400	40
323	16	TILTON BLVD	1.57 AC.	<Null>	R400	40
357	4	LIVINGSTON AVE	100X100	5	R400	38
357	5	LIVINGSTON AVE	100X100	<Null>	R400	38
357	8	CONTINENTAL AVE	.488 AC	9,13,14	R400	38
357	9	CONTINENTAL AVE	.488 AC	<Null>	R400	38
357	13	CONTINENTAL AVE	.488 AC	<Null>	R400	38
357	14	CONTINENTAL AVE	.488 AC	<Null>	R400	38
358	1	WASHINGTON AVE	1.49AC	2,3,4,5,6,7,21,22,24	R400	38
358	2	WASHINGTON AVE	1.49AC	<Null>	R400	38

## Berkeley Owned Properties/Near TDR Areas

358	3	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	4	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	5	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	6	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	7	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	8	SEABROOK AVE	100XIRR	19	R400	38
358	9	LIVINGSTON AVE	.92 AC	10,11,12,13,14,15	R400	38
358	10	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	11	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	12	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	13	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	14	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	15	LIVINGSTON AVE	.92 AC	<Null>	R400	38
358	16	CONTINENTAL AVE	50X100	<Null>	R400	38
358	17	SEABROOK AVE	100X150	18	R400	38
358	18	SEABROOK AVE	100X150	<Null>	R400	38
358	19	SEABROOK AVE	100XIRR	<Null>	R400	38
358	20	SEABROOK AVE	50X150	<Null>	R400	38
358	21	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	22	WASHINGTON AVE	1.49AC	<Null>	R400	38
358	24	WASHINGTON AVE	1.49AC	<Null>	R400	38
359	20	SEABROOK AVE	200X150	21,22,23	R400	40
359	21	SEABROOK AVE	200X150	<Null>	R400	40
359	22	SEABROOK AVE	200X150	<Null>	R400	40
359	24	SEABROOK AVE	50X150	<Null>	R400	40
359	25	SEABROOK AVE	200X150	26,27,29,30	R400	40
359	26	SEABROOK AVE	200X150	<Null>	R400	40
359	27	SEABROOK AVE	200X150	<Null>	R400	40
359	29	SEABROOK AVE	200X150	<Null>	R400	40
359	30	SEABROOK AVE	200X150	<Null>	R400	40
360	1	LIVINGSTON AVE	1.37 AC	2,3,4,5,6,7,16,17	R400	40
360	2	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	3	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	4	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	5	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	6	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	7	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	8	LIVINGSTON AVE	100X150	9,10	R400	40
360	9	LIVINGSTON AVE	100X150	<Null>	R400	40
360	10	LIVINGSTON AVE	100X150	<Null>	R400	40
360	16	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	17	LIVINGSTON AVE	1.37 AC	<Null>	R400	40
360	18	HAWTHORNE AVE	100X150	19,20	R400	40
360	20	HAWTHORNE AVE	100X150	<Null>	R400	40
361	7	LIVINGSTON AVE	100X150	8,9	R400	40
361	8	LIVINGSTON AVE	100X150	<Null>	R400	40
361	9	LIVINGSTON AVE	100X150	<Null>	R400	40

Berkeley Owned Parcels In/Near TDR Areas  
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361	10	HAWTHORNE AVE	200XIRR	11,12,13,14	R400	40
361	11	HAWTHORNE AVE	200XIRR	<Null>	R400	40
361	12	HAWTHORNE AVE	200XIRR	<Null>	R400	40
361	13	HAWTHORNE AVE	200XIRR	<Null>	R400	40
361	14	HAWTHORNE AVE	200XIRR	<Null>	R400	40
364	1	BUNNELL AVE NORTH	1.58 AC	2,3,4,5,6,8,9,10,11,12, ,13,14	R400	38
364	2	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	3	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	4	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	5	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	6	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	8	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	9	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	10	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	11	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	12	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	13	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
364	14	BUNNELL AVE NORTH	1.58 AC	<Null>	R400	38
365	1	WASHINGTON AVE	3.50AC	2,3,4,5,6,7,8,9,12, 13,14,15,16,17-26	R400	38
365	2	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	3	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	4	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	5	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	6	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	7	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	8	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	9	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	12	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	13	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	14	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	15	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	16	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	17	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	18	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	19	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	20	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	21	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	22	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	23	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	24	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	25	WASHINGTON AVE	3.50AC	<Null>	R400	38
365	26	WASHINGTON AVE	3.50AC	<Null>	R400	38
366	1	BUNNELL AVE NORTH	4.28 AC.	2-17&19-27&30	R400	40
366	2	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	3	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40

Adopted by  
Berkeley Owned Parcels in Near TDR Areas

366	4	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	5	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	6	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	7	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	8	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	9	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	10	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	11	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	12	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	13	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	14	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	15	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	16	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	17	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	19	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	20	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	21	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	22	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	23	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	24	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	25	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	26	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	27	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
366	30	BUNNELL AVE NORTH	4.28 AC.	<Null>	R400	40
367	1	HAWTHORNE AVE	1.26 AC.	2,4,5,6,7,10,11,12, 13	R400	40
367	2	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	3	HAWTHORNE AVE	50X100	<Null>	R400	40
367	4	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	5	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	6	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	7	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	10	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	11	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	12	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	13	HAWTHORNE AVE	1.26 AC.	<Null>	R400	40
367	14	LIVINGSTON AVE	50X150	<Null>	R400	40
367	15	LIVINGSTON AVE	100X150	16	R400	40
367	16	LIVINGSTON AVE	100X150	<Null>	R400	40
367	18	HAWTHORNE AVE	50X100	<Null>	R400	40
367	19	HAWTHORNE AVE	50X100	<Null>	R400	40
367	20	HAWTHORNE AVE	50X100	<Null>	R400	40
368	1	STUYVESANT AVE	50X100	<Null>	R400	40
368	2	STUYVESANT AVE	50X100	<Null>	R400	40
368	3	HAWTHORNE AVE	2.01 AC	6,8-20	R400	40
368	4	BUNNELL AVE NORTH	50X150	<Null>	R400	40
368	5	BUNNELL AVE NORTH	50X150	<Null>	R400	40



Berkeley Owned Parcels In/Near TDR Areas  
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368	6	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	7	BUNNELL AVE NORTH	50X150	<Null>	R400	40
368	8	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	9	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	10	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	11	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	12	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	13	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	14	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	15	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	16	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	17	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	18	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	19	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
368	20	HAWTHORNE AVE	2.01 AC	<Null>	R400	40
369	6	BUNNELL AVE NORTH	1.14 AC	7-10,12,14,15	R400	40
369	7	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	8	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	9	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	10	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	11	STUYVESANT AVE	50X100	<Null>	R400	40
369	12	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	14	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
369	15	BUNNELL AVE NORTH	1.14 AC	<Null>	R400	40
371	1	TILTON BLVD	50X100	<Null>	R400	38
371	3	TILTON BLVD	100X150	4,5	R400	38
371	4	TILTON BLVD	100X150	<Null>	R400	38
371	5	TILTON BLVD	100X150	<Null>	R400	38
371	6	CONTINENTAL AVE	100X125	8	R400	38
371	7	KINGS HWY	50X125	<Null>	R400	38
371	8	CONTINENTAL AVE	100X125	<Null>	R400	38
371	9	KINGS HWY	.37 AC	12,13	R400	38
371	10	BUNNELL AVE NORTH	100X100	11	R400	38
371	11	BUNNELL AVE NORTH	100X100	<Null>	R400	38
371	12	KINGS HWY	.37 AC	<Null>	R400	38
371	13	KINGS HWY	.37 AC	<Null>	R400	38
371	14	BUNNELL AVE NORTH	50X100	<Null>	R400	38
372	1	TILTON BLVD	.74 AC	2,4-6	R400	38
372	2	TILTON BLVD	.74 AC	<Null>	R400	38
372	4	TILTON BLVD	.74 AC	<Null>	R400	38
372	5	TILTON BLVD	.74 AC	<Null>	R400	38
372	6	TILTON BLVD	.74 AC	<Null>	R400	38
372	8	TILTON BLVD	1.54 AC	11,12,13,14,15,16,17, 18,19,20	R400	38
372	11	TILTON BLVD	1.54 AC	<Null>	R400	38
372	12	TILTON BLVD	1.54 AC	<Null>	R400	38
372	13	TILTON BLVD	1.54 AC	<Null>	R400	38

Berkeley Owned Parcels / Near TDR Areas

372	14	TILTON BLVD	1.54 AC	<Null>	R400	38
372	15	TILTON BLVD	1.54 AC	<Null>	R400	38
372	16	TILTON BLVD	1.54 AC	<Null>	R400	38
372	17	TILTON BLVD	1.54 AC	<Null>	R400	38
372	18	TILTON BLVD	1.54 AC	<Null>	R400	38
372	19	TILTON BLVD	1.54 AC	<Null>	R400	38
372	20	TILTON BLVD	1.54 AC	<Null>	R400	38
372	24	BUNNELL AVE	100X150	25,26	R400	38
372	25	BUNNELL AVE	100X150	<Null>	R400	38
372	26	BUNNELL AVE	100X150	<Null>	R400	38
373	2	TILTON BLVD	2.705 AC	3-11,21,22,25-30	R400	40
373	3	TILTON BLVD	2.705 AC	<Null>	R400	40
373	4	TILTON BLVD	2.705 AC	<Null>	R400	40
373	5	TILTON BLVD	2.705 AC	<Null>	R400	40
373	6	TILTON BLVD	2.705 AC	<Null>	R400	40
373	7	TILTON BLVD	2.705 AC	<Null>	R400	40
373	8	TILTON BLVD	2.705 AC	<Null>	R400	40
373	9	TILTON BLVD	2.705 AC	<Null>	R400	40
373	10	TILTON BLVD	2.705 AC	<Null>	R400	40
373	11	TILTON BLVD	2.705 AC	<Null>	R400	40
373	13	TILTON BLVD	100X250	14-16,18	R400	38
373	14	TILTON BLVD	100X250	<Null>	R400	38
373	15	TILTON BLVD	100X250	<Null>	R400	38
373	16	TILTON BLVD	100X250	<Null>	R400	38
373	18	TILTON BLVD	100X250	<Null>	R400	38
373	19	BUNNELL AVE NORTH	100X150	20	R400	38
373	20	BUNNELL AVE NORTH	100X150	<Null>	R400	38
373	21	TILTON BLVD	2.705 AC	<Null>	R400	40
373	22	TILTON BLVD	2.705 AC	<Null>	R400	40
373	25	TILTON BLVD	2.705 AC	<Null>	R400	40
373	26	TILTON BLVD	2.705 AC	<Null>	R400	40
373	27	TILTON BLVD	2.705 AC	<Null>	R400	40
373	28	TILTON BLVD	2.705 AC	<Null>	R400	40
373	29	TILTON BLVD	2.705 AC	<Null>	R400	40
373	30	TILTON BLVD	2.705 AC	<Null>	R400	40
374	3	HAWTHORNE AVE	.98 AC	4,5,17-20	R400	40
374	4	HAWTHORNE AVE	.98 AC	<Null>	R400	40
374	5	HAWTHORNE AVE	.98 AC	<Null>	R400	40
374	6	TILTON BLVD	50X150	<Null>	R400	40
374	7	TILTON BLVD	150X150	14,15	R400	40
374	10	BUNNELL AVE NORTH	50X100	<Null>	R400	40
374	13	BUNNELL AVE NORTH	50X100	<Null>	R400	40
374	14	TILTON BLVD	150X150	<Null>	R400	40
374	15	TILTON BLVD	150X150	<Null>	R400	40
374	16	BUNNELL AVE NORTH	50X150	<Null>	R400	40
374	17	HAWTHORNE AVE	.98 AC	<Null>	R400	40
374	18	HAWTHORNE AVE	.98 AC	<Null>	R400	40

## Berkeley Owned Lands in/Near TDR Areas

374	19	HAWTHORNE AVE	.98 AC	<Null>	R400	40
374	20	HAWTHORNE AVE	.98 AC	<Null>	R400	40
375	1	TILTON BLVD	2.07AC	2-8,10-13,16-18	R400	40
375	2	TILTON BLVD	2.07AC	<Null>	R400	40
375	3	TILTON BLVD	2.07AC	<Null>	R400	40
375	4	TILTON BLVD	2.07AC	<Null>	R400	40
375	5	TILTON BLVD	2.07AC	<Null>	R400	40
375	6	TILTON BLVD	2.07AC	<Null>	R400	40
375	7	TILTON BLVD	2.07AC	<Null>	R400	40
375	8	TILTON BLVD	2.07AC	<Null>	R400	40
375	10	TILTON BLVD	2.07AC	<Null>	R400	40
375	11	TILTON BLVD	2.07AC	<Null>	R400	40
375	12	TILTON BLVD	2.07AC	<Null>	R400	40
375	13	TILTON BLVD	2.07AC	<Null>	R400	40
375	14	BUNNELL AVE NORTH	100X150	15	R400	40
375	15	BUNNELL AVE NORTH	100X150	<Null>	R400	40
375	16	TILTON BLVD	2.07AC	<Null>	R400	40
375	17	TILTON BLVD	2.07AC	<Null>	R400	40
375	18	TILTON BLVD	2.07AC	<Null>	R400	40
376	3	TILTON BLVD	1.89 AC	5-10,14-17,19,20	R400	40
376	5	TILTON BLVD	1.89 AC	<Null>	R400	40
376	6	TILTON BLVD	1.89 AC	<Null>	R400	40
376	7	TILTON BLVD	1.89 AC	<Null>	R400	40
376	8	TILTON BLVD	1.89 AC	<Null>	R400	40
376	9	TILTON BLVD	1.89 AC	<Null>	R400	40
376	10	TILTON BLVD	1.89 AC	<Null>	R400	40
376	12	BUNNELL AVE NORTH	50X100	<Null>	R400	40
376	14	TILTON BLVD	1.89 AC	<Null>	R400	40
376	15	TILTON BLVD	1.89 AC	<Null>	R400	40
376	16	TILTON BLVD	1.89 AC	<Null>	R400	40
376	17	TILTON BLVD	1.89 AC	<Null>	R400	40
376	19	TILTON BLVD	1.89 AC	<Null>	R400	40
376	20	TILTON BLVD	1.89 AC	<Null>	R400	40

Addendum B  
Privately Owned Lots

BLOCK	LOT
275	5
275	6
275	7
275	13
275	14
275	15
275	16
275	17
275	18
304	8
249	11
249	12
249	13
249	14
249	15
249	23
249	24
249	25
321	14
321	15
321	16
366	28
366	29
367	8
367	9
359	3
359	4
359	5
359	6
359	7
359	8
359	9
359	10
359	12
359	13
359	14
360	11
360	12
360	13
361	17
361	19
361	20
369	1
369	2
369	3
369	4

BLOCK	LOT
369	5
369	16
369	17
369	18
369	19
369	20
234	4
251	1
324	11
324	12
362	13
362	14
362	15
377	8
377	9
377	10
272	1
272	2
272	4
272	5
272	8
272	9
272	10
272	11
272	12
272	13
272	14
272	15
272	16
272	17
272	18
272	19
272	20
272	21
272	22
272	23
272	24
272	25
272	26
272	27
272	28
273	6
273	10
273	11
273	12
273	13

BLOCK	LOT
273	14
273	15
273	16
273	17
362	18
362	20
367	17
357	1
375	19
375	20
373	1
377	4
377	5
249	22
251	5
251	6
272	29
272	30
272	31
272	32
272	33
359	1
359	15
359	17
359	18
360	15
361	15
365	10
372	9
372	10
373	17
363	15
357	10
357	11
357	12
357	6
357	7
376	11
376	18
252	7
373	12
357	2
357	3
322	2
322	3
373	23

Addendum B  
Privately Owned Lots

BLOCK	LOT
373	24
375	9
270	3
270	4
270	6
374	1
374	2
374	8
374	9
374	11
374	12
371	2
273	4
234	3
235	7
249	17
249	18
249	19
249	20
249	21
251	3
251	4
251	13
251	14
251	15
251	16
251	17
251	18
251	19
252	3
253	9
253	10
253	11
253	12
253	13
253	14
253	15
272	3
273	22
273	23
275	8
275	9
275	10
304	5
304	6
314	5

BLOCK	LOT
316	13
317	4
317	5
322	9
322	11
323	3
323	4
323	6
324	6
324	8
324	10
324	13
324	14
362	1
362	2
362	3
362	4
362	5
362	6
362	7
362	8
362	9
362	10
362	11
362	12
362	16
362	17
376	1
376	2
376	4
376	13
377	6
377	7
369	13
273	1
273	7
273	8
372	21
372	22
372	7
270	8
270	10
361	6
323	8
271	10
271	11

BLOCK	LOT
271	12
271	13
315	5
315	7
315	9
315	11
315	13
315	15
272	6
272	7
364	7
235	1
235	2
271	4
249	16
372	3
274	4
366	18
361	1
361	2
361	3
361	4
361	5
361	18
251	11
251	12
313	1
313	2
313	3
313	4
313	5
313	6
313	7
313	8
313	9
313	10
313	11
313	12
313	13
314	11
251	2
363	11
363	12
363	13
363	14
377	11

Addendum B  
Privately Owned Lots

BLOCK	LOT
377	12
377	13
365	11
269	12
269	13
269	14
269	15
269	16
269	17
269	18
269	19
269	20
269	21
269	22
269	23
270	1
270	2
270	5
270	7
270	9
270	11
270	13
270	15
270	17
270	18
270	19
270	20
270	21
358	23
358	25
358	26
274	5
372	23
359	11
322	5
362	19
271	2
271	3
315	18
315	19
315	20
359	2
359	16
359	19
359	28
360	14

BLOCK	LOT
361	16
271	7
271	8
321	4
363	16

**RESOLUTION**

November 17, 2021

WHEREAS, the County Engineer has approved the release of bonds for road opening permits, which bonds were posted according to Resolution, adopted by the Board on August 16, 1989.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, that the County Comptroller is hereby authorized and directed to release the following bonds, which bonds were posted the following road opening permits:

<u>NAME</u>	<u>PERMIT NO.</u>	<u>ISSUED</u>	<u>AMOUNT</u>	<u>TYPE</u>
New Gen Environmental Group, Inc. #1719	EO-18-092	9/21/18	\$2,780.00	Cash Bond
New Gen Environmental Group, Inc. #1720	EO-18-093	9/21/18	\$2,780.00	Cash Bond
New Gen Environmental Group, Inc. #1957	CO-18-054	9/21/18	\$1,000.00	Cash Bond

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the Ocean County Engineer and Finance Department.

**No Associated  
Documents**



**No Associated  
Documents**

**No Associated  
Documents**

# MOTION

November 10, 2021

Motion approving the distribution of Requests for Proposals and/or Requests for Qualifications for Professional Services and/or Extraordinary Unspecifiable Services and approving the selection criteria contained therein for the following projects in accordance with N.J.S.A. 19:44A-20.1.

Requests for Proposals/Qualifications:

Special Labor Counsel

MOTION  
November 17, 2021

On motion duly made, seconded and carried, the Planning Director was authorized to acquire in fee by gift, purchase, exchange or condemnation for purpose of the continuation of the County's Barnegat Branch Trail project in the Borough of South Toms River.

Parcel 1  
Mall Enterprises, Inc.  
Being a P/O Lot 1, Block 23  
South Toms River

Parcel 2  
RBC-NJ Properties, LLC  
Being a P/O Lot 1.02, Block 23  
South Toms River

and County Counsel was authorized to prepare and record all necessary documents



**COUNTY OF OCEAN**  
**DEPARTMENT OF FINANCE**

RECEIVED

2021 NOV -8 A 9: 21

JULIE N. TARRANT

County Comptroller & CFO

CLERK OF THE BOARD  
CC BOARD OF COMMISSIONERS  
CATHY A. ERNST  
Assistant Comptroller

November 5, 2021

Board of Commissioners  
Ocean County Administration Building  
Toms River, New Jersey 08754

Dear Board Members:

Accompanying this letter, you will find a copy of the Master Payroll for the payment of all employees of the County of Ocean, setting forth the amounts to be paid on November 10, 2021. This is for the payroll period of October 14, 2021 through October 27, 2021, and for the payroll period of October 28, 2021 through November 10, 2021. These payments were made in accordance with the Resolution passed by your Board on June 21, 1972.

Very truly yours,

Julie N. Tarrant  
Comptroller

JNT/mb  
Pay 21-23  
Pd. 11/10/21

COUNTY OF OCEAN, NJ  
DEPARTMENT OF FINANCE  
MASTER PAYROLL CERTIFICATION

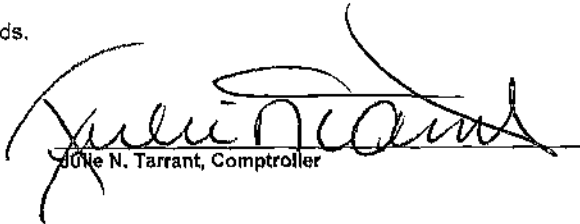
11/05/21

AMOUNT \$ 6,872,129.54

PERIOD FROM: October 14, 2021 TO: October 27, 2021  
FROM: October 28, 2021 TO: November 10, 2021

FUND	BANK #	CHECK #	AMOUNT
016	01	wire	5,103,054.76
019	05	wire	0.00
905	26	transfer	6,081.08
209	67	wire	704,375.12
210	68	transfer	43,327.06
211	62	wire	10,281.22
225	97	transfer	5,010.30

Julie N. Tarrant being duly sworn according to law, upon her oath, depose and says that the within County Payroll has been examined by her and has approved the amount of wages for each person as submitted by the various Department Heads.

  
Julie N. Tarrant, Comptroller

Received by the Board of Commissioners

\_\_\_\_\_  
Clerk of the Board

**No Associated  
Documents**

## RESOLUTION

November 17, 2021

**WHEREAS**, there exists a need for mobile data terminals for the Ocean County Sheriff's Department; and

**WHEREAS**, the Ocean County Office of Information Technology has determined that the procurement of mobile data terminals is essential to the efficient operation of the Ocean County Sheriff's Department; and

**WHEREAS**, the County has solicited a quote from the authorized vendor on New Jersey State Contract T0109; and

**WHEREAS**, upon review of the response, the County is desirous of entering into an agreement with Motorola Solutions Inc., Sub Contract No. 83909 to provide mobile data terminals, as set forth in their proposal dated October 13, 2021; and

**WHEREAS**, the funds shall be encumbered for said agreement under account number 016-085-6042 in the amount not to exceed \$154,692.33. Terms subject to the availability of funds.

**NOW, THEREFORE, BE IT RESOLVED, BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:**

1. This agreement is awarded under the terms and conditions of New Jersey State Contract No. T0109 Sub Contract No. 83909.
2. The Director and Clerk of the Board are hereby authorized and directed to enter into any necessary subsequent documents with Motorola Solutions Inc., PO Box 1335, Burlington, NJ 08016.
3. A notice of this action shall be published once as required by law.
4. The Contract number must be placed on all documents pertaining to this Agreement.
5. A Certified copy of this Resolution shall remain on file and be available for public inspection at the Office of the Clerk of the Board of Commissioners.
6. A Certified Copy of this resolution shall be made available to the Ocean County Comptroller, Office of Information Technology, and Motorola Solutions Inc.



CONTRACT NO. MUST BE ON ALL  
PAPERS, DOCUMENTS, INVOICES, VOUCHERS  
NO. B2021-163

RESOLUTION

November 17, 2021

WHEREAS, on September 21, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES, County of Ocean, State of New Jersey; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Toshiba Business Solutions, a  
division of Toshiba America  
3620 Horizon Dr., Ste. 100  
King of Prussia, PA 19406  
(724) 916-0610

Unique Photo, Inc.  
123 Route 46  
Fairfield, NJ 07004  
(973) 216-9421

Name and Address of Bidder

Star Data  
POB 12  
Hewlett, NY 11557  
(201) 565-9876

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, in each instance, be accepted, namely that of TOSHIBA BUSINESS SOLUTIONS, A DIVISION OF TOSHIBA AMERICA; STAR DATA and UNIQUE PHOTO, INC.

No bids were received on Item Nos. 2, 11, 12, 13, 18, 21, 27, 30, 33, 34, 49, 50, 51, 53, 54, 55, 56, 57, 58, 59, 60, 64, 65, 66, 68, 70, 73, 75, 76, 77, 81, 84, 85, 86, 97, 98, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 129, 130, 131, 132, 146, 147, 149, 150, 151, 160, 161, 162, 163, 164, 165, 166, 173, 174, 175, 176 and 177. Recommendation is made to reject Item Nos. 74, 78 and 171. Items 74, 78 and 171 are rejected as nonresponsive. All no bid and rejected items will be rebid.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract, accepting the bid for the furnishing and delivery of Photographic, Audio and Visual Equipment and Supplies for the County of Ocean, for the contract period from date of award through November 16, 2022, a period of one (1) year or until delivery is complete. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15 as follows:

A. TOSHIBA BUSINESS SOLUTIONS, A DIVISION OF TOSHIBA

AMERICA for four (4) items, to wit:

ITEM NOS. 191, 192, 193 and 194.

This vendor has extended this contract to County Cooperative Contract System Participants.

B. STAR DATA for forty seven (47) items, to wit:

ITEM NOS. 28, 29, 35, 36, 37, 38, 39, 40, 41, 43, 44, 45, 46, 48, 52, 91, 93, 126, 127, 128, 133, 134, 135, 136, 137, 138, 139, 141, 142, 144, 167, 168, 169, 170, 172, 179, 180, 181, 182, 183, 185, 186, 187, 188, 189, 190 and 195.

This vendor has extended this contract to County Cooperative Contract System Participants.

C. UNIQUE PHOTO, INC. for sixty (60) items, to wit:

ITEM NOS. 1, 3, 4, 5, 6, 7, 8, 9, 10, 14, 15, 16, 17, 19, 20, 22, 23, 24, 25, 26, 31, 32, 42, 47, 61, 62, 63, 67, 69, 71, 72, 79, 80, 82, 83, 87, 88, 89, 90, 92, 94, 95, 96, 99, 124, 125, 140, 143, 145, 148, 152, 153, 154, 155, 156, 157, 158, 159, 178 and 184.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment and supplies to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-163.

4. Be it further resolved that certified copies of this Resolution shall be made available to the County Auditor, Department of Purchasing, Department of Finance, County Engineer, Fire Marshal (Lakewood), Public Information, Sheriff's Office, Vehicle Services, and the successful bidders.

TOSHIBA BUSINESS SOLUTIONS, A DIVISION OF TOSHIBA AMERICA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
188	Ink, Fuji DL600 Yellow #16091025m NO SUBSTITUTIONS	2	EA			X				
189	Ink, Fuji DL650 Pink #16187472, NO SUBSTITUTIONS	2	EA			X				
190	Ink, Fuji DL6050 Sky Blue #16187484, NO SUBSTITUTIONS	2	EA			X				

SECTION VIII - PASSPORT PHOTO SYSTEM ACCESSORIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
191	0.10 mil PVC Plastic White Graphics Quality Cards for use in the DataCard CD800 Printer (1,000 per Box).	51	BX	\$62.95	\$3,210.45		IDC	.010 mil, white, blank cards	In stock. Next day delivery available	1000 per box

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Page 37

TOSHIBA BUSINESS SOLUTIONS, A DIVISION OF TOSHIBA AMERICA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
192	0.30 mil PVC Plastic White Graphics Quality Cards for use in the DataCard CD800 Printer (500 per box)	32	BX	\$43.50	\$1,392.00		Entrust Datacard	.030 mil, white Blank Cards	In stock. Next day delivery available	500 per box
193	DataCard YMCKT Color Ribbon Kit Optimized for use with DataCard CP/CD Series Card Printers	52	PKG	\$84.95	\$4,417.40		Entrust Datacard	YMCKT Color Ribbon	In stock. Next day delivery available	250 yield
194	DataCard YMCKT-KT Color Ribbon Kit Optimized for use with DataCard CP/CD Series Card Printers	32	PKG	\$183.95	\$5,886.40		Entrust Datacard	YMCKT Color Ribbon	In stock. Next day delivery available	300 yield
195	Table Top Passport ID Photo Die Cutter Punch, 2" x 2"	11	EA			X				

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
23	Battery Pack, Canon LP-E17	27	EA			X				
24	Battery Grip, Canon 8G-E18, for Canon Rebel T6i Camera	15	EA			X				
25	Battery Grip, Canon 8G-E20, for Canon 5D Mark IV Camera	7	EA			X				
26	Battery Grip, Canon 8G-E21, for Canon 6D Mark II Camera	3	EA			X				

SECTION II - AUDIO & VIDEO SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
27	Disc, Compact, Imitation Brand CD-RW, 25/pack	20	PACK			X				
28	Disc, Compact, Sony CDR Media, 700MH, 50/pack	20	PACK	\$83.00	\$1,660.00		UNIVMCR190			

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 29	Disc, Mini, Compact, Recordable, 156MB, for Mavica MCR-156A, 50/pack	10	PACK	\$99.00	\$990.00		UNIVDMR30			
30	Disc, Mini Sony DVD-R, 30 min., 1.4 GB	10	PACK			X				
31	Digital Voice Recorder, Olympus WS-832, Direct USB Connect, 4GB Internal Memory & Micro SD Compatible	3	EA			X				
32	Digital Voice Recorder, 8GB, Olympus WS-853	7	EA			X				
33	Digital Recorder, Olympus #WS-822	3	EA			X				
34	DVD-R Archival Gold, Write Once Recordable DVD, 4.7GB storage capacity, up to 8X write speed, 10/pack	60	PACK			X				
✓ 35	Flash Drive, San Disk Cruzer, 8 GB, USB Stick	39	EA	\$4.40	\$171.60		SANUSB8			

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 36	Flash Drive, San Disk Cruzer Glide USB 2.0, 8 GB	38	EA	\$4.40	\$167.20		SANUSB8			
✓ 37	Flash Drive, San Disk Cruzer Glide USB 2.0, 16 GB	30	EA	\$4.79	\$143.70		SANUSB16			
✓ 38	Flash Drive, San Disk Cruzer, 32GB, USB	88	EA	\$7.45	\$655.60		SANUSB32			
✓ 39	Flash Drive, San Disk Cruzer Glide USB 2.0, 64 GB	45	EA	\$10.40	\$468.00		SANUSB64			
✓ 40	Flash Drive, San Disk Extreme USB 3.0, 16 GB	18	EA	\$5.70	\$102.60		SANUSB16			
✓ 41	Flash Drive, San Disk Extreme USB 3.0, 64 GB	56	EA	\$10.40	\$582.40		SANUSB64			
42	Flash Drive, San Disk Extreme PRO USB 3.0, 128 GB	36	EA	\$60.00	\$2,160.00		SANUSB128			
✓ 43	Memory Card, SanDisk Extreme PLUS SDHC UHS-1 Card, 16 GB	5	EA	\$8.40	\$42.00		SANSD16			
✓ 44	Memory Card, SanDisk Extreme PLUS SDHC UHS-1 Card, 64 GB	29	EA	\$19.85	\$575.65		SANSD64			

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 45	Memory Card, SanDisk Extreme Compact Flash Memory Card, 128 GB	21	EA	\$60.00	\$1,260.00		SANSD128			
✓ 46	Memory Card, SanDisk Extreme Compact Flash Memory Card, 64 GB	29	EA	\$43.00	\$1,247.00		SANSD64			
47	Memory Card, SanDisk Extreme Compact Flash Memory Card, 32 GB	29	EA	\$48.00	\$1,392.00		SANSD32			
✓ 48	Memory Card, SanDisk Extreme Compact Flash Memory Card, 16 GB	17	EA	\$24.00	\$408.00		SANSD16			
49	Noise Canceling Headphones, Sony Model MDRNC7/MDRNC8	3	EA			X				
50	Phillips LFH334 Headset, or equal	2	EA			X				
51	Phillips LFH334 Replacement Headset Pads, 2 pads/set	4	SET			X				

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES



PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

SECTION III - PHOTOGRAPHIC PAPER AND FILM

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
52	Photo Paper, Fuji, Color, Digital, Glossy 4" x 6 1/2" Cat. 07053896, NO SUBSTITUTIONS	20	ROLL	\$51.00	\$1,020.00		AS SPEC			
53	Photo Paper, HP Laser # Q6607A, 200/Box	3	BX			X				
54	Photo Paper, HP Laser #Q6608A, 8.5" x 11", Glossy, Color, 100 Sheets/Box	5	BX			X				
55	Photo Paper, 4" x 6", HP Premium Plus # Q5431A, Gloss Finish, 100 Sheets/Box	10	BX			X				
56	Photo Paper, 8 1/2" x 11" HP #CR671A, Gloss Finish, 25 Sheets/Pack	10	PACK			X				
57	Photo Paper, 8 1/2" x 11", HP #CR671A, Gloss Finish, 50 Sheets/Pack	10	PACK			X				

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
88	Memory Card, 4 GB Sandisk Secure Disk	55	EA	\$11.00	\$605.00					
89	Memory Card, 8 GB Sandisk Secure Disk	3	EA	\$11.00	\$33.00					
90	Memory Card, 32 GB Sandisk Secure Disk	63	EA	\$11.00	\$693.00					
91	Memory Card, 1 GB SD for Canon Powershot A550	3	EA	\$10.00	\$30.00					
92	Memory Card, 4 GB SD for Canon Powershot A550	3	EA	\$11.00	\$33.00					
93	Memory Card, 4 GB, Compact for Nikon D300	3	EA	\$11.00	\$33.00					
94	Flash, Canon Speedlite 600 EXII-RT	9	EA			X				
95	Flash, Canon Speedlite, 470 EX - AI	3	EA			X				
96	Flash, Canon Speedlite, 430 EX - 111-RT	3	EA			X				

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 126	Lens, Canon EF 11-24mm F4L USM	7	EA	\$2,250.00	\$15,750.00					
✓ 127	Lens, Canon EF 14mm F2.8L II USM	3	EA	\$1,779.00	\$5,337.00					
✓ 128	Lens, Canon EF 16-35mm F2.8L II USM	3	EA	\$1,579.00	\$4,737.00					
129	Lens, Canon EF 24-105mm f/4L IS II USM with a Canon Mount, Mfg # 1380C002	9	EA			X				
130	Lens - Canon EF 24-105mm f/4L IS II USM	0	EA			X				
131	Lens, Canon EF 70-200mm f2.8L IS II USM, Mfg # 2569A004	3	EA			X				
132	Lens - Canon - 70-200mm - Canon mount	4	EA			X				
✓ 133	Lens, Canon EF 100-400mm f/4.5-5.6L IS II USM, Mfg # 9524B002AA	5	EA	\$1,579.00	\$7,895.00					

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 134	Lens, Canon ES-S 18-135mm f/3.5-5.6 IS STM, Mfg # 1276C002	3	EA	\$390.00	\$1,170.00					
✓ 135	Lens, Canon EFS 18-55mm with ImageStabilizer	3	EA	\$150.00	\$450.00					
✓ 136	Lens, Nikon AF-S DX 18-140MM Lens, f/3.5-5.6G ED VR Lens	18	EA	\$290.00	\$5,220.00					
✓ 137	Lens, Nikon AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR Lens	20	EA	\$150.00	\$3,000.00					
✓ 138	Lens, Nikon AF Micro Nikkor 60mm 1:2.8 D	15	EA	\$500.00	\$7,500.00					
✓ 139	Lens, Nikon 18mm-105mm for D90 camera	3	EA	\$270.00	\$810.00					
✓ 140	Lens, Nikon 150-600mm	3	EA	\$870.00	\$2,610.00		Tamron or Sigma			
✓ 141	Lens, Nikon 70-300mm	3	EA	\$122.00	\$366.00					
✓ 142	Lens, Tamron SP 70-300mm f/4-5.6 Di VC USD for Canon Cameras	3	EA	\$445.00	\$1,335.00		Tamron			

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
143	Lens, Nikon Mount 70-200mm f2.8	3	EA	\$1,995.00	\$5,985.00					
144	Lens, Tamron SP AF 10-24mm f/3.5-4.5 Di II Lens for a Canon Mount, Tamron #AFB00010-700	9	EA	\$460.00	\$4,140.00		Tamron			
145	Remote, Nikon Wireless Remote Control ML-L	43	EA			X				
146	Tripod, Manfrotto 190, Aluminum 4 Section M190XPRO4-BH	16	EA			X				
147	Tripod, Manfrotto MK290XTA3-2WUS 290 Xtra Aluminum with 128 RC Micro Fluid Head and Quick Release	6	EA			X				

STAR DATA

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
163	Board, Savage, Photo Mount, Double Weight, 11" x 14", B/W Smooth	10	EA			X				
164	Board, Savage, Photo Mount, Double Weight 16" x 20", B/W Smooth	20	EA			X				
165	Board, Savage, Pre-Stax Pressure Sensitive, Light Weight, 8" x 10"	30	CTN			X				
166	Preservers, Printfile #35-8P, 25/Pkg.	1	EA			X				
✓ 167	Canon PFI-120 Matte Black Ink Cartridge (130ml)	9	EA	\$76.00	\$684.00		AS SPEC			
✓ 168	Canon PFI-120 Black Ink Cartridge (130ml)	9	EA	\$76.00	\$684.00		AS SPEC			
✓ 169	Canon PFI-120 Cyan Ink Cartridge (130ml)	9	EA	\$76.00	\$684.00		AS SPEC			

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Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 170	Canon PFI-120 Magenta Ink Cartridge (130mL)	9	EA	\$76.00	\$684.00		AS SPEC			
171	Canon PFI-120 Yellow Ink Cartridge (130mL)	9	EA	\$7.00	\$63.00		AS SPEC			
✓ 172	Canon Maintenance Cartridge MC-31	9	EA	\$67.00	\$603.00		AS SPEC			
173	Preservers, Printfile #46-6P, 25/Pkg.	2	PKG			X				
174	Preservers, Printfile #57-4P, 25/Pkg.	2	PACK			X				

SECTION VII - DARKROOM SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
175	Tissue, Seal, Color Dry Mount, 8" x 10", 25 Sheets/Pkg.	1	PKG			X				

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Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

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Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
176	Tissue, Seal, Color Dry Mount, 16" x 20", 25 Sheets/Pkg.	1	PKG			X				
177	Tissue, Seal, Color Dry Mount, 11" x 14", 25 Sheets/Pkg.	1	PKG			X				
178	Maintenance Tank for DL600 #16091154, NO SUBSTITUTIONS	1	EA	\$112.00	\$112.00		AS SPEC			
✓ 179	Ribbon Cassette for DL600 #16091166, NO SUBSTITUTIONS	1	EA	\$42.00	\$42.00		AS SPEC			
✓ 180	Paper Fuji DL600 Inkjet GL 5x590 #7150740, NO SUBSTITUTIONS	2	EA	\$79.00	\$158.00		AS SPEC			
✓ 181	Paper Fuji DL600 Inkjet GL 6x590 #7150902, NO SUBSTITUTIONS	2	EA	\$97.00	\$194.00		AS SPEC			



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Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 182	Paper Fuji DL600 Inkjet GL 10x328 #7150908, NO SUBSTITUTIONS	2	EA	\$97.00	\$194.00		AS SPEC			
✓ 183	Paper Fuji DL600 Inkjet GL 12x328 #7150910, NO SUBSTITUTIONS	2	EA	\$105.00	\$210.00		AS SPEC			
184	Paper, Epson Stylus 9900 Presentation Matte 36" #5041221, NO SUBSTITUTIONS	2	PACK			X				
✓ 185	Ink, Fuji DL600, Black #16091013, NO SUBSTITUTIONS	2	EA	\$185.00	\$370.00		AS SPEC			
✓ 186	Ink, Fuji DL600 Cyan #16090992, NO SUBSTITUTIONS	2	EA	\$185.00	\$370.00		AS SPEC			
✓ 187	Ink, Fuji DL600 Magenta #16091001, NO SUBSTITUTIONS	2	EA	\$185.00	\$370.00		AS SPEC			

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 188	Ink, Fuji DL600 Yellow #16091025m NO SUBSTITUTIONS	2	EA	\$185.00	\$370.00		AS SPEC			
✓ 189	Ink, Fuji DL650 Pink #16187472, NO SUBSTITUTIONS	2	EA	\$102.00	\$204.00		AS SPEC			
✓ 190	Ink, Fuji DL6050 Sky Blue #16187484, NO SUBSTITUTIONS	2	EA	\$102.00	\$204.00		AS SPEC			

SECTION VIII - PASSPORT PHOTO SYSTEM ACCESSORIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
191	0.10 mil PVC Plastic White Graphics Quality Cards for use in the DataCard CD800 Printer (1,000 per Box)	51	BX	\$64.00	\$3,264.00		FARGO CR10			

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
192	0.30 mil PVC Plastic White Graphics Quality Cards for use in the DataCard CD800 Printer (500 per box)	32	BX	\$45.00	\$1,440.00		FARGO CR80			
193	DataCard YMCKT Color Ribbon Kit Optimized for use with DataCard CP/CD Series Card Printers	52	PKG	\$86.00	\$4,472.00		DATACARD YMCKT			
194	DataCard YMCKT-KT Color Ribbon Kit Optimized for use with DataCard CP/CD Series Card Printers	32	PKG	\$184.00	\$5,888.00		DATACARD YMCKT-KT			
✓ 195	Table Top Passport ID Photo Die Cutter Punch, 2" x 2"	11	EA	\$70.00	\$770.00		UNIV DC			

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PROPOSAL DOCUMENT REPORT

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

SECTION I - BATTERIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 1	Battery, Canon LP-E10	15	EA	\$46.50	\$697.50		CANON	LP-E10	10 DAYS	
2	Battery, Go Pro Battery Green Extreme AHDBT-401 Lithium-ion Battery Pack (1160mAh, 3.8V)	2	EA			X				
✓ 3	Batteries, Promaster BP-511A, 7.4 V / 1500 mAh	3	EA	\$26.95	\$80.85		JUPIO	BP-511A	10 DAYS	
✓ 4	Batteries, Rechargeable, AA, Ni-MH, 2500 mah	32	EA	\$4.75	\$152.00		ENELOOP	RECHARG, AA NI-MH	10 DAYS	
✓ 5	Batteries, Lithium, 3V (Valta or Equal), CR123A	27	EA	\$4.95	\$133.65		PANASONIC	CR123A	10 DAYS	
✓ 6	Batteries, Promaster Rechargeable AA Batteries	92	EA	\$3.95	\$363.40		ENELOOP	RECHARG AA BATT	10 DAYS	
✓ 7	Batteries, Heavy Duty, AAA 1.5V Alkaline, 24/box	12	BX	\$14.00	\$168.00		PANASONIC	AAA 1.5V ALKALINE	10 DAYS	

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Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 8	Batteries, Rechargeable AAA	12	EA	\$3.50	\$42.00		ENELOOP	AAA RECHARGABLE	10 DAYS	
✓ 9	Batteries, Rechargeable for Canon EOS 7D and 5D Mark II and III Camera, LP-E6N	42	EA	\$59.00	\$2,478.00		JUPIO	LP-E6N	10 DAYS	
✓ 10	Batteries, Nikon EN-EL15 7v for D7100	15	PACK	\$37.95	\$569.25		JUPIO	EN-EL15	10 DAYS	
11	Battery Charger, Metz 970 for Flash 76-56	3	EA			X				
12	Battery Charger, Promaster Xtrapower Traveler + Canon, Model #3014 for Canon EOS-7D Camera	3	EA			X				
13	Battery Charger, Promaster AA #4165	6	EA			X				
✓ 14	Battery Charger, Canon LC-E6, for LP-E6 Li-Ion	9	EA	\$52.00	\$468.00		CANON	LC-E6	10 DAYS	

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 15	Battery Charger, Canon #LC-E8E, for LP-E8 Batteries	9	EA	\$45.00	\$405.00		CANON	LP-E8	10 DAYS	
✓ 16	Battery Charger, Canon Charger LC-E10	15	EA	\$46.50	\$697.50		CANON	LC-E10	10 DAYS	
✓ 17	Battery Charger, Nikon Quick Charger MH-25	3	EA	\$59.95	\$179.85		NIKON	MH-25	21 DAYS	
18	Battery Pack, Metz, NIMH 76-56	3	EA			X				
✓ 19	Battery Pack, Canon LP-E6N, for Canon 5D and 7D Mark II Camera	15	EA	\$59.00	\$885.00		JUPIO	LP-E6N	10 DAYS	
✓ 20	Battery Pack, Canon LP-E8, for Canon EOS Rebel Camera	3	EA	\$39.95	\$119.85		CANON	LP-E8	10 DAYS	
21	Battery Grip, Canon BG-E7, for Canon 7D	7	EA			X				
✓ 22	Battery Grip, Canon BG-E16, for Canon 7D Mark II	9	EA	\$127.00	\$1,143.00		CANON	BG-E16	10 DAYS	

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 23	Battery Pack, Canon LP-E17	27	EA	\$57.00	\$1,539.00		CANON LP-E17	LP-E17	10 DAYS	
✓ 24	Battery Grip, Canon BG-E18, for Canon Rebel T6i Camera	15	EA	\$159.00	\$2,385.00		CANON	BG-E18	10 DAYS	
✓ 25	Battery Grip, Canon BG-E20, for Canon 5D Mark IV Camera	7	EA	\$145.00	\$1,015.00		CANON	BG-E20	10 DAYS	
✓ 26	Battery Grip, Canon BG-E21, for Canon 6D Mark II Camera	3	EA	\$125.00	\$375.00		CANON	BG-E21	10 DAYS	

SECTION II - AUDIO & VIDEO SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
27	Disc, Compact, Imitation Brand CD-RW, 25/pack	20	PACK			X				
28	Disc, Compact, Sony CDR Media, 700MH, 50/pack	20	PACK			X				

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
29	Disc, Mini, Compact, Recordable, 156MB, for Mavica MCR-156A, 50/pack	10	PACK			X				
30	Disc, Mini Sony DVD-R, 30 min., 1.4 GB	10	PACK			X				
31	Digital Voice Recorder, Olympus WS-832, Direct USB Connect, 4GB Internal Memory & Micro SD Compatible	3	EA	\$84.95	\$254.85		OLYMPUS WS832	WS832	21 DAYS	21 DAYS
32	Digital Voice Recorder, 8GB, Olympus WS-853	7	EA	\$89.95	\$629.65		OLYMPUS	WS-853	21 DAYS	
33	Digital Recorder, Olympus #WS-822	3	EA			X				
34	DVD-R Archival Gold, Write Once Recordable DVD, 4.7GB storage capacity, up to 8X write speed, 10/pack	60	PACK			X				
35	Flash Drive, San Disk Cruzer, 8 GB, USB Stick	39	EA			X				



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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
36	Flash Drive, San Disk Cruzer Glide USB 2.0, 8 GB	38	EA	\$7.99	\$303.62		TRANSCEND	USB 2.0 8GB	10 DAYS	
37	Flash Drive, San Disk Cruzer Glide USB 2.0, 16 GB	30	EA	\$8.95	\$268.50		TRANSCEND	USB 2.0 16GB	10 DAYS	
38	Flash Drive, San Disk Cruzer, 32GB, USB	88	EA	\$9.50	\$836.00		TRANSCEND	32GB USB	10 DAYS	
39	Flash Drive, San Disk Cruzer Glide USB 2.0, 64 GB	45	EA	\$11.25	\$506.25		TRANSCEND	USB 2.0 64GB	10 DAYS	
40	Flash Drive, San Disk Extreme USB 3.0, 16 GB	18	EA	\$9.50	\$171.00		TRANSCEND	USB 3.0 16GB	10 DAYS	
41	Flash Drive, San Disk Extreme USB 3.0, 64 GB	56	EA	\$11.75	\$658.00		TRANSCEND	USB 3.0, 64GB	10 DAYS	
42	Flash Drive, San Disk Extreme PRO USB 3.0, 128 GB	36	EA	\$20.50	\$738.00		TRANSCEND	USB 3.0 128GB	10 DAYS	
43	Memory Card, SanDisk Extreme PLUS SDHC UHS-1 Card, 16 GB	5	EA	\$8.49	\$42.45		TRANSCEND	SDHC UHS-1 16GB	10 DAYS	
44	Memory Card, SanDisk Extreme PLUS SDHC UHS-1 Card, 64 GB	29	EA	\$21.50	\$623.50		SANDISK	EXTREME 64GB	10 DAYS	

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
45	Memory Card, SanDisk Extreme Compact Flash Memory Card, 128 GB	21	EA	\$82.00	\$1,722.00		SANDISK	EXTREME CF 128GB	10 DAYS	
46	Memory Card, SanDisk Extreme Compact Flash Memory Card, 64 GB	29	EA	\$67.00	\$1,943.00		SANDISK	EXTREME CF 64GB	10 DAYS	
47	Memory Card, SanDisk Extreme Compact Flash Memory Card, 32 GB	29	EA	\$36.95	\$1,071.55		SANDISK	EXTREME CF 32GB	10 DAYS	
48	Memory Card, SanDisk Extreme Compact Flash Memory Card, 16 GB	17	EA	\$29.95	\$509.15		TRANSCEND	COMPACT 16GB	10 DAYS	
49	Noise Canceling Headphones, Sony Model MDRNC7/MDRNC8	3	EA			X				
50	Phillips LFH334 Headset, or equal	2	EA			X				
51	Phillips LFH334 Replacement Headset Pads, 2 pads/set	4	SET			X				

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PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
58	Photo Paper, 8 1/2" x 11" HP #CR664A, Gloss Finish, 50 Sheets/Pack	10	PACK			X				
59	Photo Paper, 8 1/2" x 11", Matte Finish, 100 Sheets/Pack	10	PACK			X				
60	Canon Heavyweight Matte Coated Paper for Inkjet - 36" Wide Roll - 100' Long	11	EA			X				
61	FujiFilm 8x213 DX100 Inkjet Paper Glossy for Frontier-S DX100 Printer	17	EA	\$68.00	\$1,156.00		FUJI	8X213 DX100 GLOSSY	10 DAYS	
62	FujiFilm 5x213 DX100 Inkjet Paper Glossy for Frontier-S DX100 Printer	17	EA	\$43.00	\$731.00		FUJI	5X213 DX100 GLOSSY	10 DAYS	
63	FujiFilm 6x213 DX100 Inkjet Paper Glossy for Frontier-S DX100 Printer	17	EA	\$52.00	\$884.00		FUJI	6X213 DX100 GLOSS	10 DAYS	

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
66	Camera, Canon Rebel T5i w/ Lens and Accessories, 18.0 Mega Pixels, Digic 5 Image Processor, Full HD 1080, Canon EF-S 18-55mm Lens	3	EA			X				
67	Camera, Canon PowerShot G7x Mark II	3	EA	\$649.00	\$1,947.00		CANON	PS G7X MK II	10 DAYS	
68	Camera, Canon EOS 80D DSLR Camera with 18-135mm F3.5-5.6 IS USM Lens, Black w/ Free ACC Bundle	3	EA			X				
69	Camera, Canon EOS SDS R DSLR, 50.6 Mega Pixel with Digic 6 Dual Technology	3	EA	\$1,498.00	\$4,494.00		CANON	SDS R	14 DAYS	
70	Camera, Go Pro HERO4 Silver Camera with Built-in Touch Display w/ Wi-Fi Bluetooth Bundle	3	EA			X				

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
71	Camera, Nikon Coolpix W150, 13.2MP, Waterproof and Shockproof	4	EA	\$166.00	\$664.00		NIKON	W150	21 DAYS	
72	Camera, Nikon D500	9	EA	\$1,595.00	\$14,355.00		NIKON	D500	14 DAYS	
73	Camera, Nikon D7100	3	PACK			X				
74	Camera, Nikon D7500 DSLR Camera, Body Only	21	EA	\$993.00	\$20,853.00		NIKON	D7100	14 DAYS	
75	Camera, Trail/Game, MFG: Stealth Cam G42 STC-G42NG Infrared Light with No Visible Light	9	EA			X				
76	Camera, Trail/Game, Mfg: Bushnell 14mp Trophy Cam HD, Aggressor No Glow Trail Camera	9	EA			X				

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
77	Camera, Canon EOS Rebel T6i EF-S Camera with Kit. Kit shall include: EOS Rebel T6i Camera Body, EF-S 18-55mm f/3.5-5.6 IS STM Lens, Battery Pack LP-E17, Eyecup EF, Wide Strap EW-300D, Interface Cable, and EOS Digital Solution Disc	3	EA			X				
78	Camera, Canon EOS 6D Mark II Camera Body ONLY (MUST BE USA EDITION ONLY)	3	EA	\$1,349.00	\$4,047.00		CANON	5D MK II	14 DAYS	
79	Camera, Canon 5D Mark IV Camera Body with Canon Log (MUST BE USA EDITION ONLY), Mfg # 1483C002	6	EA	\$2,725.00	\$16,350.00		CANON	5DMKIV CANON LOG	14 DAYS	CORRECT MANUFACT #1483C082
80	Canon EOS 5D Mark IV DSLR Camera with Camera Log	6	EA	\$2,725.00	\$16,350.00		CANON	5DMK IV C LOG	21 DAYS	

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
81	Canon 5D Mark IV DSLR Camera w/ Canon Log and 24-105mm f/4 1.1 Lens	7	EA			X				
82	Camera - Canon Rebel T7 Double Zoom Lens Bundle	12	EA	\$549.00	\$6,588.00		CANON	T7 DOUBLE ZM LIT	21 DAYS	
83	Camera - EOS 6D Mark II w/ EF 24-105mm f/4L IS II USM kit	4	EA	\$2,298.00	\$9,192.00		CANON	6D MK II 24-105	21 DAYS	
84	Joby Bike Mount for GoPro, Contour and Sony Action Cam MFR: JB01387	1	EA			X				
85	AC Adapter for Canon PowerShot G7x Mark II Camera	3	EA			X				
86	Flexible, Extendable Selfie Stick	3	EA			X				
87	Memory Card, Promaster Professional Hi-Speed Compact Flash Memory Card 4GB #8470	3	EA	\$19.95	\$59.85		TRANSCEND	COMPCT FL 4GB	10 DAYS	

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 88	Memory Card, 4 GB Sandisk Secure Disk	55	EA	\$8.95	\$492.25		TRANSCEND	4 GB SECURE	10 DAYS	
✓ 89	Memory Card, 8 GB Sandisk Secure Disk	3	EA	\$9.49	\$28.47		TRANSCEND	32 GB SECURE	10 DAYS	
✓ 90	Memory Card, 32 GB Sandisk Secure Disk	63	EA	\$9.99	\$629.37		TRANSCEND			
91	Memory Card, 1 GB SD for Canon Powershot A550	3	EA			X				
✓ 92	Memory Card, 4 GB SD for Canon Powershot A550	3	EA	\$8.95	\$26.85		TRANSCEND	4 GB SD	10 DAYSS	
93	Memory Card, 4 GB, Compact for Nikon D300	3	EA			X				
✓ 94	Flash, Canon Speedlite 600 EXII-RT	9	EA	\$479.00	\$4,311.00		CANON	600 EXII-RT	10 DAYS	
✓ 95	Flash, Canon Speedlite, 470 EX - AI	3	EA	\$298.00	\$894.00		CANON	470 EX-AI	10 DAYS	
✓ 96	Flash, Canon Speedlite, 430 EX - 111-RT	3	EA	\$284.00	\$852.00		CANON	430 EX-111-RT	10 DAYS	



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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
97	Flash, Metz, Digital Mecablitz 76MZ-5	3	EA			X				
98	Flash, Nikon SB900	3	EA			X				
99	Flash - Nikon SB-5000 AF Speedlight Flash, NO SUBSTITUTIONS	25	EA	\$595.00	\$14,875.00		NIKON	SB-5000	10 DAYS	
100	Nikon SG - 31R Replacement Panel for Built-In Flash	17	EA			X				
101	Bolt VM-160 LED Macro Ring Light	15	EA			X				
102	Strobe SP - Systems 920 AC Strobe Series 100 120V AC	3	EA			X				

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
117	Filter, Tiffen 62mm Skylight/UV	25	EA			X				
118	Filter, Tiffen 62mm Yellow	13	EA			X				
119	Filter, Tiffen 67mm Orange	13	EA			X				
120	Filter, Tiffen 67mm UV	31	EA			X				
121	Filter, Tiffen, 58mm, Skylight 2A	1	EA			X				
122	Camera Bag, Domke F7 Double AF 14" L x 7" W x 11" D NO SUBSTITUTIONS	7	EA			X				
123	Camera Bag, Ruggard Commando Pro 6S, Mfg # PSB-665B	8	EA			X				
✓ 124	Backpack, Think Tank Photo Street Walker Pro V2.0, Black	15	EA	\$164.00	\$2,460.00		THINK TANK	ST WALKER PRO V2.0	14 DAYS	
✓ 125	Lens Canon Macro, 100mm, f/2.8L Macro IS USM EF 100mm	7	EA	\$1,279.00	\$8,953.00		CANON	100MMF2.8 MAC,IS	14 DAYS	

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UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
134	Lens, Canon ES-S 18-135mm f/3.5-5.6 IS STM, Mfg # 1276C002	3	EA	\$594.00	\$1,782.00		CANON	1276C002	21 DAYS	
135	Lens, Canon EFS 18-55mm with ImageStabilizer	3	EA	\$247.00	\$741.00		CANON	18-55	21 DAYS	
136	Lens, Nikon AF-S DX 18-140MM Lens, f/3.5-5.6G ED VR Lens	18	EA	\$487.00	\$8,766.00		NIKON	18-140	21 DAYS	
137	Lens, Nikon AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR Lens	20	EA			X				
138	Lens, Nikon AF Micro Nikkor 60mm 1:2.8 D	15	EA	\$530.00	\$7,950.00		NIKON	6000 1:2.8	21 DAYS	
139	Lens, Nikon 18mm-105mm for D90 camera	3	EA	\$393.00	\$1,179.00		NIKON	18-105	10 DAYS	
140	Lens, Nikon 150-600mm	3	EA	\$807.00	\$2,421.00		SIGMA	150-600	10 DAYS	
141	Lens, Nikon 70-300mm	3	EA	\$169.00	\$507.00		NIKON	70-300	10 DAYS	
142	Lens, Tamron SP 70-300mm f/4-5.6 Di VC USD for Canon Cameras	3	EA			X				

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 143	Lens, Nikon Mount 70-200mm f2.8	3	EA	\$1,439.00	\$4,317.00		SIGMA	70-200 F2.8 NIKON MT	10 DAYS	
144	Lens, Tamron SP AF 10-24mm f/3.5-4.5 DI II Lens for a Canon Mount, Tamron #AFB00010-700	9	EA	\$492.00	\$4,428.00		TAMRON	10-24F3.5 CANON MT	10 DAYS	
✓ 145	Remote, Nikon Wireless Remote Control ML-L	43	EA	\$16.25	\$698.75		NIKON ML-L		10 DAYS	
146	Tripod, Manfrotto 190, Aluminum 4 Section M190XPRO4-BH	16	EA			X				
147	Tripod, Manfrotto MK290XTA3-2WUS 290 Xtra Aluminum with 128 RC Micro Fluid Head and Quick Release	6	EA			X				

UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
148	Tripod with Head, Vanguard Alta Pro 263AGH 3 Section Aluminum Tripod with GH-100 Pistol Grip Ball Head	6	EA	\$193.50	\$1,161.00		VANGUARD	263AGH/GH100 HEAD	14 DAYS	
149	Tripod, Manfrotto-496RC2 Compact Ball Head W/R2	18	EA			X				
150	Kingston Mobilelite Plus SD Card Reader	36	EA			X				
151	Abundant Supply Company Unidentified Flashdrive Organizer Case (Black)	52	EA			X				

SECTION V - PHOTO PRINTERS AND SUPPLIES

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

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UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
✓ 152	Fujifilm DX100 Smartlab Frontier-S Inkjet Printer	4	EA	\$1,695.00	\$6,780.00		FUJI	DX100 SMARTLAB FRONTIER PRINTER	10 DAYS	
✓ 153	Fujifilm Waste Ink Tank for Frontier-S DX100 Printer	15	EA	\$45.00	\$675.00		FUJI	WASTE INK TANK	10 DAYS	
✓ 154	Fujifilm 16393045 Yellow Ink Cartridge 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	YELLOW FOR DX100	10 DAYS	
✓ 155	Fujifilm 16393019 Black Ink Cartridge 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	BLACK FOR DX100	10 DAYS	
✓ 156	Fujifilm 16393069 Pink Ink Cartridge 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	PINK FOR DX100	10 DAYS	
✓ 157	Fujifilm 16393021 Cyan Ink Cartridge 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	CYAN FOR DX100	10 DAYS	
✓ 158	Fujifilm 16393057 Sky Blue Ink 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	SKY BLUE FOR DX100	10 DAYS	

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
159	Fujifilm 16393033 Magenta Ink Cartridge 200ml for Fujifilm Frontier-S DX100	15	EA	\$61.00	\$915.00		FUJI	MAGENTA FOR DX100	10 DAYS	
160	Entrust DuraGard Laminate, 1 mil, Clear, Item #508785-501, for use with Datacard CD-CLM Laminator/Printer CD800, 300 prints per roll	100	ROLL			X				
161	Entrust DuraGard Laminate, 0.6 mil, holo, Item #508808-032, for use with SLM-CLM Desktop Laminator, 350 prints per roll	100	ROLL			X				
162	ID Cards, CR80 NOCO, CR-79/CR-80 Compatible ID Cards, Item # 54563 81754, 500 Per Box	50	BX			X				

SECTION VI - MISCELLANEOUS SUPPLIES

PROPOSAL DOCUMENT REPORT

Bid - PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
176	Tissue, Seal, Color Dry Mount, 16" x 20", 25 Sheets/Pkg.	1	PKG			X				
177	Tissue, Seal, Color Dry Mount, 11" x 14", 25 Sheets/Pkg.	1	PKG			X				
✓ 178	Maintenance Tank for DL600 #16091154, NO SUBSTITUTIONS	1	EA	\$110.00	\$110.00		FUJI	MAIN TANK DL600	10 DAYS	
179	Ribbon Cassette for DL600 #16091166, NO SUBSTITUTIONS	1	EA	\$51.00	\$51.00		FUJI	RIBBON CASS DL600	10 DAYS	
180	Paper Fuji DL600 Inkjet GL 5x590 #7150740, NO SUBSTITUTIONS	2	EA	\$90.00	\$180.00		FUJI	GL 5X590	10 DAYS	
181	Paper Fuji DL600 Inkjet GL 6x590 #7150902, NO SUBSTITUTIONS	2	EA	\$105.00	\$210.00		FUJI	GL 6X590	10 DAYS	



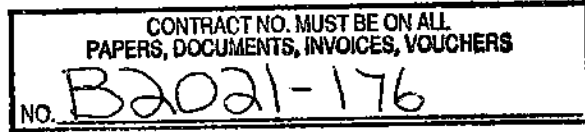
UNIQUE PHOTO, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

PHOTOGRAPHIC, AUDIO AND VISUAL EQUIPMENT AND SUPPLIES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Manufacturer (Required)	Product Name and/or No. (Required)	Delivery, A.R.O.	Comments
182	Paper Fuji DL600 Inkjet GL 10x328 #7150908, NO SUBSTITUTIONS	2	EA	\$102.00	\$204.00		FUJI	GL 10X328	10 DAYS	
183	Paper Fuji DL600 Inkjet GL 12x328 #7150910, NO SUBSTITUTIONS	2	EA	\$112.00	\$224.00		FUJI	GL 12X328	10 DAYS	
184	Paper, Epson Stylus 9900 Presentation Matte 36" #SO41221, NO SUBSTITUTIONS	2	PACK	\$54.00	\$108.00		EPSON	SO41221	10 DAYS	
185	Ink, Fuji DL600, Black #16091013, NO SUBSTITUTIONS	2	EA	\$192.00	\$384.00		FUJI	16091013	10 DAYS	
186	Ink, Fuji DL600 Cyan #16090992, NO SUBSTITUTIONS	2	EA	\$192.00	\$384.00		FUJI	16090992	10 DAYS	
187	Ink, Fuji DL600 Magenta #16091001, NO SUBSTITUTIONS	2	EA	\$192.00	\$384.00		FUJI	16091001	10 DAYS	



RESOLUTION

November 17, 2021

WHEREAS, on October 13, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

<u>Name of Bidder</u>	<u>Address of Bidder</u>
Action Uniform Co., LLC	1500 S. New Road Pleasantville, NJ 08232 (609) 573-5462

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, be accepted, namely that of, ACTION UNIFORM CO., LLC. No bids were received on Item Nos. 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253 and 254, all no bid Items will be rebid.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into contracts, for the furnishing and delivery of Uniforms for the Corrections Department and Sheriff's Office for the County of Ocean, for the contract period of one (1) year from date of award through November 16, 2022, or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

ACTION UNIFORM CO., LLC for two hundred forty five (245) items, to wit: ITEMS NO. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26a, 26b, 27, 28, 29, 30, 31, 32, 33, 34a, 34b, 35a, 35b, 36, 37a, 37b, 38a, 38b, 39a, 39b, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265 and 266. For a Total Lump Sum Award for Section I (Item #'s 1 - 40) of \$96,656.00. For a Total Lump Sum Award for Section II (Item #'s 41 - 65) of \$99,536.00. For a Total Lump Sum Award for Section III (Item #'s 66 - 80) of \$75,213.00. For a Total Lump Sum Award for Section IV (Item #'s 81 - 118) of \$171,732.00. For a Total Lump Sum Award for Section V (Item #'s 119 - 135) of \$29,550.00. For a Total Lump Award for Section VI (Item #'s 136 - 227) of \$793,585.00. For a Total Lump Sum Award for Section VIII (Item #'s 255 - 265) of \$55,000.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the materials to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the services shall be available within the following funding Sources: County Corrections Department and Sheriff's Office O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-176.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, County Corrections Department and Sheriff's Office and Action Uniform Co., Inc. the successful bidder.

# ACTION UNIFORM CO., LLC

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

## SECTION I - UNIFORMS FOR THE DEPARTMENT OF CORRECTIONS

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
1	Trousers, Class A As Specified, or Equal	28	PR	\$115.00	\$3,220.00	FECHHEIMER	48289	
2	Long Sleeve Shirt, Class A As Specified, or Equal	28	EA	\$69.00	\$1,932.00	ELBECO	319N	
3	Collar Insignia As Specified, or Equal	28	EA	\$28.00	\$784.00	S&W	OCDC	
4	3 Season Jacket As Specified, or Equal	28	EA	\$175.00	\$4,900.00	BLAUER	6120	
5	Field Jacket with Liner, M-65 BDU Style As Specified, or Equal	28	EA	\$75.00	\$2,100.00	ROTCHO	8444	
6	Softshell Fleece Jacket As Specified, or Equal	28	EA	\$145.00	\$4,060.00	BLAUER	4660	
7	Parka As Specified, or Equal	28	EA	\$268.00	\$7,504.00	5.11	48001	
8	BDU Trousers, Class C As Specified, or Equal	56	PR	\$79.00	\$4,424.00	FECHHEIMER	49300NJFB	
9	Short Sleeve BDU Shirt, Class C As Specified, or Equal	54	EA	\$78.00	\$4,212.00	FECHHEIMER	85R5826	
10	Long Sleeve Polo Shirt, Class D As Specified, or Equal	48	EA	\$69.00	\$3,312.00	ELBECO	K5138	
11	BDU Pants, Rip-Stop As Specified, or Equal	50	PR	\$63.00	\$3,150.00	PROPPER	F5252	
12	Tactical Pants As Specified, or Equal	50	PR	\$74.00	\$3,700.00	ELBECO	E5702R	
13	Tactical Pants As Specified, or Equal	50	PR	\$65.00	\$3,250.00	5.11	74273	
14	Tactical Polo, Short Sleeve As Specified, or Equal	75	EA	\$69.00	\$5,175.00	ELBECO	K5134	
15	Tactical Polo, Long Sleeve As Specified, or Equal	75	EA	\$69.00	\$5,175.00	ELBECO	K5144	
16	Tactical Boots, As Specified	28	PR	\$179.00	\$5,012.00	5.11	12110	
17	Raincoat As Specified, or Equal	28	EA	\$99.00	\$2,772.00	PETRAROC	48-RV48	
18	Rain Pants, Unisex As Specified, or Equal	48	PR	\$59.00	\$2,832.00	PETRAROC	4714	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

# ACTION UNIFORM CO., LLC

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 19	Sentry R-801 Pershing Uniform Cap As Specified, or Equal	48	EA	\$70.00	\$3,360.00	KEYSTONE	193-4794	
✓ 20	Uniform Cap, As Specified	28	EA	\$18.00	\$504.00	GALLS	HW729	
✓ 21	Uniform Cap, As Specified	28	EA	\$34.00	\$952.00	TACLITE	89381	
✓ 22	Plastic Hat Cover for Sentry R-801 Pershing Uniform Cap As Specified, or Equal	48	EA	\$12.00	\$576.00	SENTRY	R-801	
✓ 23	Long Sleeve Khaki Twill Shirt As Specified, or Equal	48	EA	\$35.00	\$1,680.00	VF	ST5CK	
✓ 24	Khaki Twill Trousers As Specified, or Equal	48	PR	\$35.00	\$1,680.00	VF	PT62KH	
✓ 25	Watch Cap As Specified, or Equal	48	EA	\$12.00	\$576.00	AS	6610	
✓ 26a	Clip-On Neck Tie As Specified, or Equal	40	EA	\$8.00	\$320.00	S. BROOME	90010	
✓ 26b	Clip-On Neck Tie As Specified, or Equal	36	EA	\$8.00	\$288.00	S. BROOME	90010	
✓ 27	Name Tag As Specified, or Equal	40	EA	\$10.00	\$400.00	ACTION	CUSTOM	
✓ 28	Tie Bar As Specified, or Equal	40	EA	\$28.00	\$1,120.00	HEROS	OCNJ	
✓ 29	Training Belt As Specified, or Equal	24	EA	\$24.00	\$576.00	ROTHCO	60390	
✓ 30	Leather Belt As Specified, or Equal	76	EA	\$22.00	\$1,672.00	PF	6610	
✓ 31	Tactical Belt As Specified or Equal	50	EA	\$33.00	\$1,650.00	LAST CHANCE	74114	
✓ 32	Electronic Hearing Protector, As Specified	24	EA	\$165.00	\$3,960.00	3M	TAC3500	
✓ 33	Alta Bat, As Specified	24	EA	\$33.00	\$792.00	LAST CHANCE	74114	
✓ 34a	Crew Neck T-Shirt As Specified, or Equal	36	EA	\$18.00	\$648.00	HANES	5180	
✓ 34b	Crew Neck T-Shirt As Specified, or Equal	36	EA	\$18.00	\$648.00	HANES	5180	
✓ 35a	Gym Shorts As Specified, or Equal	36	PR	\$18.00	\$648.00	AUGUSTA	990	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 35b	Gym Shorts As Specified, or Equal	36	PR	\$18.00	\$648.00	AUGUSTA	990	
✓ 36	Baseball Cap As Specified, or Equal	36	EA	\$12.00	\$432.00	FLEX FIT	6677	
✓ 37a	Long Sleeve Crew Neck Sweat Shirt As Specified, or Equal	36	EA	\$22.00	\$792.00	JERSEY	5620	
✓ 37b	Long Sleeve Crew Neck Sweat Shirt As Specified, or Equal	36	EA	\$22.00	\$792.00	JERSEY	5620	
✓ 38a	Pull-Over Sweat Shirt, Hooded As Specified, or Equal	36	EA	\$22.00	\$792.00	JERSEY	996MR	
✓ 38b	Pull-Over Sweat Shirt, Hooded As Specified, or Equal	36	EA	\$22.00	\$792.00	JERSEY	996MR	
✓ 39a	Sweat Pants As Specified, or Equal	36	PR	\$20.00	\$720.00	JERSEY	973M	
✓ 39b	Sweat Pants As Specified, or Equal	36	PR	\$20.00	\$720.00	JERSEY	973M	
✓ 40	Cargo Bag As Specified, or Equal	36	EA	\$39.00	\$1,404.00	ROTHCO	BG687	
<b>TOTAL</b>					<b>\$96,656.00</b>			

**SECTION II - UNIFORMS FOR THE DEPARTMENT OF CORRECTIONS EMERGENCY RESPONSE TEAM (CERT)**

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 41	Field Jacket with Liner As Specified, or Equal	24	EA	\$89.00	\$2,136.00	TRUSPEC	2440M	
✓ 42	Stretch Fit Cap As Specified or Equal	50	EA	\$28.00	\$1,400.00	UA	FNFO	
✓ 43	Tactical Polo, Long Sleeve As Specified, or Equal	24	EA	\$69.00	\$1,656.00	ELBECO	K5148	
✓ 44	Tactical Polo, Short Sleeve As Specified, or Equal	24	EA	\$69.00	\$1,656.00	ELBECO	K5138	
✓ 45	Tactical Long Sleeve As Specified, or Equal	24	EA	\$85.00	\$2,040.00	5.11	RAPID ASSAULT	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 46	Tactical Outer Carrier As Specified, or Equal	24	EA	\$299.00	\$7,176.00	GH	8Y559	
✓ 47	Tactical Pants As Specified, or Equal	24	PR	\$65.00	\$1,560.00	TRUSPEC	247	
✓ 48	Tactical Boots As Specified, or Equal	48	PR	\$179.00	\$8,592.00	ROCKY	ALPHA	
✓ 49	Tactical Carrier As Specified, or Equal	24	EA	\$335.00	\$8,040.00	GH	TOC	
✓ 50	Tactical Vest As Specified, or Equal	24	EA	\$949.00	\$22,776.00	GH	ARMOR PRO X	
✓ 51	Raincoat As Specified, or Equal	24	EA	\$99.00	\$2,376.00	PETRAROC	48RV797	
✓ 52	Watch Cap As Specified, or Equal	24	EA	\$34.00	\$816.00	HEROS PRIDE	8744	
✓ 53	Gloves As Specified, or Equal	24	PR	\$59.00	\$1,416.00	PF	HN799	
✓ 54	Balaclava As Specified, or Equal	24	EA	\$32.00	\$768.00	ROTCHO	BK7000	
✓ 55	Flight Suit As Specified, or Equal	24	EA	\$149.00	\$3,576.00	TRUSPEC	27P	
✓ 56	Knee Pads As Specified, or Equal	24	PR	\$69.00	\$1,656.00	BLACK HAWK	808300	
✓ 57	Forearm Pads As Specified, or Equal	24	PR	\$69.00	\$1,656.00	DAMASCUS	EP10	
✓ 58	Elbow Pads As Specified, or Equal	24	PR	\$69.00	\$1,656.00	BLACK HAWK	802600	
✓ 59	Shin Guards As Specified, or Equal	24	PR	\$69.00	\$1,656.00	GALLS	TE222	
✓ 60	Ballistic Helmet As Specified, or Equal	24	EA	\$499.00	\$11,976.00	PASGT	NIG33A	
✓ 61	Tactical Holster As Specified, or Equal	48	EA	\$235.00	\$11,280.00	SAFARILAND	6004	
✓ 62	Aerosol Holder As Specified, or Equal	24	EA	\$22.00	\$528.00	TRUSPEC	9030	
✓ 63	Handcuff Case As Specified, or Equal	24	EA	\$28.00	\$672.00	TRUSPEC	9035	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

## ACTION UNIFORM CO., LLC

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 64	Duty Belt As Specified, or Equal	24	EA	\$68.00	\$1,632.00	SIERRA BRAVO	M511	
✓ 65	Belt Keepers As Specified, or Equal	60	EA	\$14.00	\$840.00	SIERRA BRAVO	2.25	
<b>TOTAL</b>					<b>\$99,536.00</b>			

### SECTION III - UNIFORMS FOR THE DEPARTMENT OF CORRECTIONS COMMUNITY EDUCATION/WORK CREW

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 66	Fleece Jacket As Specified, or Equal	24	EA	\$149.00	\$3,576.00	BLAUER	4660	
✓ 67	Parka As Specified, or Equal	24	EA	\$299.00	\$7,176.00	5.11	48001	
✓ 68	Tactical Boots, Men and Women As Specified, or Equal	48	PR	\$169.00	\$8,112.00	5.11	ATAK	
✓ 69	Tactical Boots As Specified, or Equal	48	PR	\$229.00	\$10,992.00	ROCKY	PARATROOPER	
✓ 70	Badge Case As Specified, or Equal	24	EA	\$18.00	\$432.00	STRONG	71300	
✓ 71	Holster As Specified, or Equal	50	EA	\$169.00	\$8,450.00	SAFARILAND	7367	
✓ 72	Double Stack Magazine Holder As Specified, or Equal	50	EA	\$49.00	\$2,450.00	5.11	DSTACK	
✓ 73	Magazine/Handcuff Combo Pouch As Specified, or Equal	50	EA	\$49.00	\$2,450.00	FOBUS	CUB104	
✓ 74	Magazine/Cuff Combo Pouch As Specified, or Equal	50	EA	\$89.00	\$4,450.00	AKER	519	
✓ 75	Duty Belt As Specified, or Equal	75	EA	\$79.00	\$5,925.00	JP	6600	
✓ 76	Holster As Specified, or Equal	50	EA	\$229.00	\$11,450.00	SAFARILAND	6360	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE



**ACTION UNIFORM CO., LLC**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 77	Magazine Pouch As Specified, or Equal	50	EA	\$59.00	\$2,950.00	SAFARILAND	77-94-HS	
✓ 78	Handcuff Case As Specified, or Equal	50	EA	\$59.00	\$2,950.00	SAFARILAND	1904HS	
✓ 79	Aerosol Agent Case As Specified, or Equal	50	EA	\$49.00	\$2,450.00	SAFARILAND	SLCOC	
✓ 80	Belt Keeper As Specified, or Equal	50	EA	\$28.00	\$1,400.00	SAFARILAND	LP134	
<b>TOTAL</b>					<b>\$75,213.00</b>			

**SECTION IV - UNIFORMS AND EQUIPMENT FOR THE OCEAN COUNTY FIRE MARSHAL'S OFFICE**

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 81	Uniform Trousers, As Specified, or Equal	16	PR	\$99.00	\$1,584.00	FECHH	47280	
✓ 82	Uniform Pants, Class A, As Specified, or Equal	32	EA	\$99.00	\$3,168.00	S.11	74492	
✓ 83	Uniform Suit, Class A, As Specified, or Equal	14	EA	\$729.00	\$10,206.00	HOPE	CUSTOM	
✓ 84	Uniform Long Sleeve Shirt, As Specified, or Equal	12	EA	\$42.00	\$504.00	LIBERTY	722	
✓ 85	Uniform Short Sleeve Shirt, As Specified, or Equal	12	EA	\$40.00	\$480.00	LIBERTY	732	
✓ 86	Dress Hat, As Specified, or Equal	35	PR	\$125.00	\$4,375.00	KEYSTONE	CUSTOM	
✓ 87	Uniform Black Tie, As Specified, or Equal	35	PR	\$15.00	\$525.00	S. BROOME	90072	
✓ 88	Tie, Clip On, As Specified, or Equal	35	EA	\$9.00	\$315.00	S. BROOME	9001	
✓ 89	Uniform Men's Boots, As Specified, or Equal	35	EA	\$169.00	\$5,915.00	BATES	00968	
✓ 90	Tactical Side Zip Boots, Men's, As Specified, or Equal	35	PR	\$179.00	\$6,265.00	BATES	E09963	

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Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

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Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 91	Medium Weight Jacket, As Specified, or Equal	35	EA	\$269.00	\$9,415.00	BLAUER	9820Z	
✓ 92	Uniform Shirt, Class B, Long Sleeve, As Specified, or Equal	35	EA	\$89.00	\$3,115.00	5.11	72344	
✓ 93	Uniform Shirt, Class B, Short Sleeve, As Specified or Equal	35	EA	\$89.00	\$3,115.00	5.11	71183	
✓ 94	Uniform Pants, Class B, As Specified, or Equal	35	PR	\$99.00	\$3,465.00	5.11	74338	
✓ 95	Uniform Shirt, Fire Training, Long Sleeve, As Specified, or Equal	35	EA	\$89.00	\$3,115.00	5.11	72515	
✓ 96	Uniform Shirt, Fire Training, Short Sleeve, As Specified, or Equal	35	EA	\$89.00	\$3,115.00	5.11	71391	
✓ 97	Uniform Pants, Fire Training, As Specified, or Equal	35	PR	\$99.00	\$3,465.00	5.11	74509	
✓ 98	Belt, Tactical, As Specified, or Equal	35	EA	\$33.00	\$1,155.00	LAST CHANCE	47144	
✓ 99	Belt, Leather Garrison, As Specified, or Equal	35	EA	\$22.00	\$770.00	PF	0610	
✓ 100	Polo Shirt, Short Sleeve, As Specified, or Equal	35	EA	\$69.00	\$2,415.00	5.11	71049	
✓ 101	Polo Shirt, Long Sleeve, As Specified, or Equal	35	EA	\$74.00	\$2,590.00	5.11	72049	
✓ 102	Field Jacket, As Specified, or Equal	35	EA	\$79.00	\$2,765.00	ROTHCO	M65	
✓ 103	Job Shirt, As Specified, or Equal	35	EA	\$99.00	\$3,465.00	5.11	72314	
✓ 104	Heavy Weight "T" Shirt, As Specified, or Equal	35	EA	\$20.00	\$700.00	GILDEN	G200	
✓ 105	Mock Turtleneck, As Specified, or Equal	35	EA	\$44.00	\$1,540.00	BLAUER	8810X	
✓ 106	Uniform Parka, As Specified, or Equal	35	EA	\$344.00	\$12,040.00	5.11	48152	
✓ 107	Uniform Parka, Tall, As Specified, or Equal	35	EA	\$344.00	\$12,040.00	5.11	48152T	
✓ 108	High Visibility Parka, As Specified, or Equal	35	EA	\$329.00	\$11,515.00	5.11	48073	

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UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 109	Response Jacket, As Specified, or Equal	35	EA	\$199.00	\$6,965.00	5.11	48016	
✓ 110	Gear Bag, AMP 24, As Specified, or Equal	35	EA	\$199.00	\$6,965.00	5.11	56393	
✓ 111	Gear Bag, Style #2, As Specified, or Equal	35	EA	\$149.00	\$5,215.00	5.11	56176	
✓ 112	Gear/Equipment Bag, As Specified, or Equal	35	EA	\$199.00	\$6,965.00	5.11	56955	
✓ 113	Clothing Duffel, As Specified, or Equal	35	EA	\$155.00	\$5,425.00	5.11	56294	
✓ 114	Turnout Gear Bag, As Specified, or Equal	35	EA	\$189.00	\$6,615.00	5.11	56295	
✓ 115	Long Gear Bag, As Specified, or Equal	35	EA	\$189.00	\$6,615.00	5.11	56177	
✓ 116	Open Gear Bag, As Specified, or Equal	35	EA	\$189.00	\$6,615.00	5.11	56531	
✓ 117	Turnout Gear Duffel, As Specified, or Equal	35	EA	\$189.00	\$6,615.00	5.11	56475	
✓ 118	Fire Marshall Patch, As Specified	150	EA	\$4.00	\$600.00	ACTION	CUSTOM	
<b>TOTAL</b>					<b>\$171,732.00</b>			

**SECTION V - RECRUIT UNIFORMS AND ACCESSORIES FOR THE SHERIFF'S OFFICE**

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 119	Black Leather Oxford Shoes, As Specified, or Equal	50	PR	\$69.00	\$3,450.00	ROTHCO	5085	
✓ 120	Clip-On Neck Tie, As Specified, or Equal	50	EA	\$8.00	\$400.00	S. BROOME	450115	
✓ 121	Leather Belt, As Specified, or Equal	50	EA	\$20.00	\$1,000.00	PERFECT FIT	6747	
✓ 122	Name Plate, As Specified or Equal	50	EA	\$10.00	\$500.00	ACTION	CUSTOM	

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Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

# ACTION UNIFORM CO., LLC

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UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 123	Watch Cap, As Specified, or Equal	50	EA	\$10.00	\$500.00	PH	621K	
✓ 124	Baseball Cap, As Specified, or Equal	50	EA	\$15.00	\$750.00	FLEX FIT	6277	
✓ 125	Long Sleeve Khaki Twill Shirt, As Specified, or Equal	50	EA	\$37.00	\$1,850.00	VF	ST5CK	
✓ 126	Khaki Twill Trousers, As Specified, or Equal	50	PR	\$37.00	\$1,850.00	VF	PT62KH	
✓ 127	Gym Shorts, As Specified, or Equal	50	PR	\$18.00	\$900.00	AUGUSTA	990	
✓ 128	Crew Neck T-Shirt, As Specified, or Equal	50	EA	\$15.00	\$750.00	HANES	5180	
✓ 129	Sweat Pants, As Specified, or Equal	50	PR	\$22.00	\$1,100.00	JERSEY	526M	
✓ 130	Long Sleeve Crew Neck Sweat Shirt, As Specified, or Equal	50	EA	\$22.00	\$1,100.00	JERSEY	973	
✓ 131	Tactical Pants, As Specified, or Equal	50	PR	\$40.00	\$2,000.00	PROPPER	F52525	
✓ 132	Waterproof ECWCS Parka, As Specified, NO EXCEPTIONS	50	EA	\$110.00	\$5,500.00	TRUSPEC	2027	
✓ 133	Waterproof ECWCS Trousers, As Specified, NO EXCEPTIONS	50	PR	\$69.00	\$3,450.00	TRUSPEC	2046	
✓ 134	Microfleece Jacket Liner, As Specified, NO EXCEPTIONS	50	EA	\$50.00	\$2,500.00	TRUSPEC	2436	
✓ 135	Tactical Gloves, As Specified, or Equal	50	PR	\$39.00	\$1,950.00	ROTHCO	3450	
<b>TOTAL</b>					<b>\$29,550.00</b>			

## SECTION VI - UNIFORM EQUIPMENT & ACCESSORIES FOR THE SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 136	Leather Belt, As Specified, NO EXCEPTIONS	75	EA	\$60.00	\$4,500.00	DON HUME	B125	

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Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

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UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 137	Leather Duty Belt, As Specified, NO EXCEPTIONS	75	EA	\$120.00	\$9,000.00	DON HUME	B101	
✓ 138	Shoulder Strap, As Specified, NO EXCEPTIONS	75	EA	\$84.00	\$6,300.00	DON HUME	B510	
✓ 139	Sliding "D" Rings, As Specified, NO EXCEPTIONS	75	EA	\$28.00	\$2,100.00	DON HUME	5507	
✓ 140	Belt Keepers, As Specified, NO EXCEPTIONS	75	EA	\$14.00	\$1,050.00	DON HUME	ST	
✓ 141	Universal Swivel Radio Case, As Specified, NO EXCEPTIONS	75	EA	\$48.00	\$3,600.00	UM	CUSTOM	
✓ 142	Nylon Radio Case, As Specified, NO EXCEPTIONS	75	EA	\$38.00	\$2,850.00	UM	CUSTOM	
✓ 143	Clip-On Neck Tie, As Specified, NO EXCEPTIONS	75	EA	\$13.00	\$975.00	S. BROOME	450115	
✓ 144	Tie Bar, As Specified, or Equal	75	EA	\$30.00	\$2,250.00	S&W	CUSTOM	
✓ 145	Name Plate, As Specified, or Equal	75	EA	\$22.00	\$1,650.00	S&W	CUSTOM	
✓ 146	Uniform Trousers, Class A, As Specified, NO EXCEPTIONS	250	PR	\$115.00	\$28,750.00	FECHHEIMER	OCSTR	
✓ 147	Uniform Shirt, Long Sleeve, Class A, As Specified, NO EXCEPTIONS	250	EA	\$105.00	\$26,250.00	FECHHEIMER	X1248W	
✓ 148	Uniform Shirt, Short Sleeve, Class A, As Specified, NO EXCEPTIONS	250	EA	\$99.00	\$24,750.00	FECHHEIMER	X1687R7176	
✓ 149	BDU Trousers, Class B, As Specified, NO EXCEPTIONS	250	PR	\$105.00	\$26,250.00	ELBECO	E7360	
✓ 150	BDU Long Sleeve Shirt, Class B, As Specified, NO EXCEPTIONS	75	EA	\$84.00	\$6,300.00	BLAUER	8670	
✓ 151	BDU Short Sleeve Shirt, Class B, As Specified, NO EXCEPTIONS	75	EA	\$82.00	\$6,150.00	BLAUER	8675	
✓ 152	Turtleneck Shirt, As Specified, or Equal	75	EA	\$39.00	\$2,925.00	FECHHEIMER	52610	
✓ 153	Long Sleeve Polo Shirt, Class C, As Specified, NO EXCEPTIONS	75	EA	\$42.00	\$3,150.00	SPORTEK	ST35OLS	
✓ 154	Short Sleeve Polo Shirt, Class C, As Specified, NO EXCEPTIONS	75	EA	\$40.00	\$3,000.00	SPORTEK	ST350	
✓ 155	Hooded Sweatshirt, As Specified, or Equal	75	EA	\$59.00	\$4,425.00	SPORTEK	ST90	

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**ACTION UNIFORM CO., LLC**

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UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 156	Fleece Pants, As Specified, or Equal	75	PR	\$49.00	\$3,675.00	SPORTEK	ST237	
✓ 157	Pocketed Shorts, As Specified, or Equal	75	PR	\$36.00	\$2,700.00	SPORTEK	ST355P	
✓ 158	Honor Guard Dress Blouse, As Specified, NO EXCEPTIONS	200	EA	\$499.00	\$99,800.00	HOPE	CUSTOM	
✓ 159	Honor Guard Dress Pants, As Specified, NO EXCEPTIONS	200	PR	\$199.00	\$39,800.00	HOPE	CUSTOM	
✓ 160	Honor Guard Dress Shoes, As Specified, NO EXCEPTIONS	200	PR	\$149.00	\$29,800.00	BATES	00074	
✓ 161	Honor Guard Dress Gloves, As Specified, NO EXCEPTIONS	200	PR	\$15.00	\$3,000.00	MANGAURD	VPPP	
✓ 162	Felt Campaign Hat, As Specified, NO EXCEPTIONS	75	EA	\$229.00	\$17,175.00	STRATTON	CUSTOM	
✓ 163	Head Strap, 1-Piece, for Stratton Hats, As Specified, NO EXCEPTIONS	75	EA	\$15.00	\$1,125.00	STRATTON	CUSTOM	
✓ 164	Head Strap, 3-Piece, for Stratton Hats, As Specified, NO EXCEPTIONS	75	EA	\$40.00	\$3,000.00	STRATTON	CUSTOM	
✓ 165	Stratton Hat Brim Press, As Specified, NO EXCEPTIONS	75	PR	\$95.00	\$7,125.00	STRATTON		
✓ 166	Bike Patrol/Marine Unit, Short Sleeve Polo, Men's, As Specified, NO EXCEPTIONS	50	EA	\$75.00	\$3,750.00	BLAUER	8133	
✓ 167	Bike Patrol/Marine Unit Long Sleeve Polo, Men's, As Specified, NO EXCEPTIONS	50	EA	\$75.00	\$3,750.00	BLAUER	8143	
✓ 168	Bike Patrol/Marine Unit Pants, Men's, As Specified, NO EXCEPTIONS	50	PR	\$99.00	\$4,950.00	BLAUER	8122Z	
✓ 169	Bike Patrol/Marine Unit Pants, Women's, As Specified, NO EXCEPTIONS	50	PR	\$99.00	\$4,950.00	BLAUER	8122WZ	
✓ 170	Bike Patrol/Marine Unit Jacket, Men's, As Specified, NO EXCEPTIONS	75	EA	\$195.00	\$14,625.00	BLAUER	690	
✓ 171	Bike Patrol Tactical Shoes, As Specified, NO EXCEPTIONS	75	PR	\$199.00	\$14,925.00	HAIX	300101	
✓ 172	Marine Unit Tactical Shoes, As Specified, NO EXCEPTIONS	75	PR	\$159.00	\$11,925.00	COLUMBIA	DRAINMAKERIV	
✓ 173	Uniform Hat, Class A, Officers/Cpl., As Specified, or Equal	75	EA	\$79.00	\$5,925.00	KEYSTONE	420	
✓ 174	Uniform Hat, Class A, Sgt., Lt., Capt., US. Sheriff, As Specified, or Equal	75	EA	\$115.00	\$8,625.00	KEYSTONE	CUSTOM	

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Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

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UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 175	Hat Cover, Reversible, Unisex, As Specified, or Equal	75	EA	\$14.00	\$1,050.00	BLAUER	107	
✓ 176	Cap Style #1, As Specified, or Equal	75	EA	\$25.00	\$1,875.00	FLEXFIT	6530	
✓ 177	Cap Style #2, As Specified, or Equal	75	EA	\$25.00	\$1,875.00	FLEXFIT	6277	
✓ 178	Winter Hat, As Specified, NO EXCEPTIONS	75	EA	\$34.00	\$2,550.00	CONDOR	WC	
✓ 179	Short Sleeve Polo Shirt, Class C, As Specified, NO EXCEPTIONS	75	EA	\$66.00	\$4,950.00	VERTEX	4000P	
✓ 180	Long Sleeve Polo Shirt, Class C, As Specified, NO EXCEPTIONS	50	EA	\$68.00	\$3,400.00	VERTEX	VTX4030	
✓ 181	Short Sleeve Performance Polo Shirt, As Specified, or Equal	50	EA	\$57.00	\$2,850.00	PROPPER	F5341	
✓ 182	Long Sleeve Performance Polo Shirt, As Specified, or Equal	50	EA	\$59.00	\$2,950.00	PROPPER	F5315	
✓ 183	Combat Shirt, Style #1, As Specified, or Equal	75	EA	\$105.00	\$7,875.00	VERTEX	VTX8525	
✓ 184	Combat Shirt, Style #2, As Specified, or Equal	75	EA	\$109.00	\$8,175.00	VERTEX	111004	
✓ 185	Combat Shirt, Style #3, As Specified, or Equal	75	EA	\$109.00	\$8,175.00	VERTEX	111004	
✓ 186	Men's/Women's Dress Shirt, Long Sleeve, As Specified, or Equal	75	EA	\$48.00	\$3,600.00	EDWARDS	7744	
✓ 187	Tactical Pants, Style #1, As Specified, or Equal	75	PR	\$63.00	\$4,725.00	PROPPER	F52525	
✓ 188	Tactical Pants, Style #2, As Specified, or Equal	75	PR	\$63.00	\$4,725.00	PROPPER	KINETIC	
✓ 189	Tactical Pants, Style #3, As Specified, or Equal	75	PR	\$63.00	\$4,725.00	FIRST TACTICAL	V2	
✓ 190	Tactical Pants, Style #4, As Specified, or Equal	75	PR	\$179.00	\$13,425.00	FIRST TACTICAL	DEFENDER11402	
✓ 191	Tactical Pants, Style #5, As Specified, or Equal	75	PR	\$179.00	\$13,425.00	FIRST TACTICAL	DEFENDER11402	

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Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 192	Tactical Pants, Style #6, As Specified, or Equal	75	PR	\$79.00	\$5,925.00	5.11	STRYKER	
✓ 193	Belt, As Specified, or Equal	75	EA	\$15.00	\$1,125.00	PROPPER	019	
✓ 194	Tactical Boots, Style #1, As Specified, NO EXCEPTIONS	50	PR	\$248.00	\$12,400.00	SALOMON	CSWY	
✓ 195	Tactical Boots, Style #2, As Specified, NO EXCEPTIONS	50	PR	\$149.00	\$7,450.00	FIRST TACTICAL	165010	
✓ 196	Tactical Boots, Style #3, As Specified, NO EXCEPTIONS	50	PR	\$149.00	\$7,450.00	FIRST TACTICAL	165001	
✓ 197	Tactical Boots, Style #4, As Specified, NO EXCEPTIONS	50	PR	\$199.00	\$9,950.00	FIRST TACTICAL	165015	
✓ 198	Winter Coat, Unisex, As Specified, NO EXCEPTIONS	50	EA	\$389.00	\$19,450.00	BLAUER	9820-50	
✓ 199	Multi-Season Parka, As Specified, or Equal	50	EA	\$249.00	\$12,450.00	5.11	48358	
✓ 200	Multi-Season Jacket As Specified, or Equal	50	EA	\$389.00	\$19,450.00	FIRST TACTICAL	TACTIX	
✓ 201	Response Jacket, As Specified, or Equal	50	EA	\$75.00	\$3,750.00	5.11	48016	
✓ 202	Waterproof ECWCS Parka, As Specified, NO EXCEPTIONS	75	EA	\$96.00	\$7,200.00	TRUSPEC	2027	
✓ 203	Waterproof ECWCS Trousers, As Specified, NO EXCEPTIONS	75	PR	\$80.00	\$6,000.00	TRUSPEC	2046	
✓ 204	Microfleece Jacket Liner, As Specified, NO EXCEPTIONS	75	EA	\$50.00	\$3,750.00	TRUSPEC	2437	
✓ 205	Jacket, Pullover, As Specified or Equal	75	EA	\$139.00	\$10,425.00	VERTX	57100	
✓ 206	Rain Coat, Reversible, Unisex, As Specified, or Equal	75	EA	\$139.00	\$10,425.00	BLAUER	26990	
✓ 207	Rain Jacket Full Zip, As Specified, NO EXCEPTIONS	75	EA	\$200.00	\$15,000.00	VERTX	VTX8800	
✓ 208	Rain Pants, Unisex, As Specified, NO EXCEPTIONS	75	PR	\$149.00	\$11,175.00	BLAUER	9134	

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Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 209	Communications Sweater, Crew Neck, As Specified, or Equal	75	EA	\$55.00	\$4,125.00	TACSQUAD	2004B	
✓ 210	Communications Hooded Sweatshirt, Full Zip, As Specified, or Equal	75	EA	\$55.00	\$4,125.00	JERSEY	996M	
✓ 211	Communications Hooded Sweatshirt, As Specified, or Equal	75	EA	\$44.00	\$3,300.00	JERSEY	996MR	
✓ 212	Communications Job Shirt, Style #1, As Specified, or Equal	75	EA	\$85.00	\$6,375.00	GAME	8025	
✓ 213	Communications Job Shirt, Style #2, As Specified, or Equal	75	EA	\$94.00	\$7,050.00	5.11	Z477	
✓ 214	Gear Bag, As Specified, or Equal	75	EA	\$65.00	\$4,875.00	PROPPER	F5693	
✓ 215	Gloves, Style #1, As Specified	75	PR	\$65.00	\$4,875.00	FIRST TACTICAL	150012	
✓ 216	Gloves, Style #2, As Specified	75	PR	\$55.00	\$4,125.00	FIRST TACTICAL	150007	
✓ 217	Knee Pads As Specified, or Equal	75	PR	\$15.00	\$1,125.00	FIRST TACTICAL	142502	
✓ 218	Elbow Pads As Specified, or Equal	75	PR	\$18.00	\$1,350.00	FIRST TACTICAL	142504	
✓ 219	Traffic Safety Vest, As Specified, or Equal	75	EA	\$59.00	\$4,425.00	BLAUER	339RS	
✓ 220	Breakaways, As Specified	250	EA	\$19.00	\$4,750.00	COURTLAND BOOT JACK	JP	
✓ 221	Citation Award, As Specified	250	EA	\$15.00	\$3,750.00	CITATION	CUSTOM	
✓ 222	Marksmanship Award, As Specified	250	EA	\$15.00	\$3,750.00	CUSTOM		
✓ 223	Rank Insignia, As Specified	1,000	EA	\$15.00	\$15,000.00	SMITH & WARREN	CUSTOM	
✓ 224	Lettering for Various Clothing Items, As Specified	1,000	EA	\$12.00	\$12,000.00	ACTION		

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 225	Sheriff's Shoulder Patch, As Specified	1,000	EA	\$3.00	\$3,000.00	ACTION	CUSTOM	
✓ 226	Sheriff's Star Badge Patch, As Specified	1,000	EA	\$3.00	\$3,000.00	ACTION	CUSTOM	
✓ 227	Ocean County Police Academy Patch, As Specified	1,000	EA	\$2.00	\$2,000.00	ACTION	CUSTOM	
<b>TOTAL</b>					<b>\$793,575.00</b>			

**SECTION VII - TACTICAL GEAR FOR THE SHERIFF'S OFFICE**

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
228	Nylon Duty Outer Belt, As Specified, or Equal	100	EA	\$0.00	\$0.00			
229	Nylon Duty Inner Belt, As Specified, or Equal	100	EA	\$0.00	\$0.00			
230	Nylon Silent Key Holder, As Specified, or Equal	100	EA	\$0.00	\$0.00			
231	Molle Battle Belt, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
232	Gas Mask Pouch, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
233	Padded Belt Slotted, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
234	Cobra 1.75" Rigger Belt with D-Ring, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
235	Single Pistol Taco LT Molle Pouch, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
236	Double Pistol Taco LT Molle Pouch, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
237	Double Decker LT Taco Molle Pouch, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			
238	Multi-Access Comm Taco Molle Pouch, As Specified, NO EXCEPTIONS	100	EA	\$0.00	\$0.00			

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

**ACTION UNIFORM CO., LLC**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

Line Item	Description	Est. Qty.	Unit of Meas.	Unit Price	Total Price	Manufacturer	Style/Model #	Delivery, A.R.O.
✓ 255	Tailoring Pants, Hem and Taper, As Specified	500	EA	\$15.00	\$7,500.00			
✓ 256	Tailoring Shirts, Hem and Taper, As Specified	500	EA	\$15.00	\$7,500.00			
✓ 257	Tailoring Shirt, Zipper, As Specified	500	EA	\$10.00	\$5,000.00			
✓ 258	Tailoring Shirt, or Jacket with Badge Patch, As Specified	500	EA	\$7.00	\$3,500.00			
✓ 259	Tailoring Shirt or Jacket with Namestrip, As Specified	500	EA	\$10.00	\$5,000.00			
✓ 260	Tailoring Shirt or Jacket for Corporal or Sergeant with Chevrons on Sleeve, As Specified	500	EA	\$10.00	\$5,000.00			
✓ 261	Tailoring Shirt or Jacket with Hash Marks, As Specified	500	EA	\$2.00	\$1,000.00			
✓ 262	Tailoring Shirt or Jacket with Rank Insignia on Collar, As Specified	500	EA	\$12.00	\$6,000.00			
✓ 263	Tailoring Shirt or Jacket Rank Insignia on Epilates, As Specified	500	EA	\$12.00	\$6,000.00			
✓ 264	Removal of Patches from Jackets or Shirts, As Specified	500	EA	\$2.00	\$1,000.00			
✓ 265	Tailoring for Pershing Style Hat, As Specified	500	EA	\$15.00	\$7,500.00			
<b>TOTAL</b>					<b>\$55,000.00</b>			

**SECTION IX - DISCOUNT RATE FOR ITEMS NOT LISTED HEREIN**

Line Item	Description	Unit of Measure	Percentage % NOT LESS THAN	No Bid
✓ 266	Discount Percentage (%) for Uniforms (NOT LESS THAN) As Specified	%	15%	

PROPOSAL DOCUMENT REPORT

Bid - UNIFORMS FOR THE CORRECTIONS DEPARTMENT AND SHERIFF'S OFFICE

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RESOLUTION

November 17, 2021

WHEREAS, on October 26, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of CATCH BASIN BLOCKS for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Continental Hardware, Inc.  
400 Delancy Street  
Newark, NJ 07105  
(973) 589-3929

Name and Address of Bidder

Extech Building Materials dba  
Liberty Building Products  
192 Christie Street  
Newark, NJ 07105  
(908) 276-5122

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, CONTINENTAL HARDWARE, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract for the furnishing and delivery of CATCH BASIN BLOCKS for the County of Ocean, for the contract period from date of award through November 16, 2022, a period of one (1) year, OR until delivery is complete. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

CONTINENTAL HARDWARE, INC. for six (6) items, to

wit:

ITEM NOS. 1, 2, 3, 4, 5 and 6.

For a Total Lump Sum Award (Item #'s 1 – 6) of \$123,000.00

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the materials to be acquired by these contracts shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: County Road Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-189.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, County Road Department and Continental Hardware, Inc., the successful bidder.

LINE\_CARD\_2.docxLINE\_CARD.docx

**10. Acknowledgement of Submission of Forms from Current Bid Package\***

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

Confirmed

**11. Submission of Bid Package\***

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

**PRICE TABLES**  
**CATCH BASIN BLOCKS**

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Comments
✓ 1	Catch Basin Block - 6" x 6" x 12", 8" Curb Height	7,500	EA	\$2.75	\$20,625.00	
✓ 2	Concrete Brick, Grey - 2 1/4" x 8"	30,000	EA	\$0.50	\$15,000.00	
✓ 3	Bin Block, Concrete - Interlocking, 2' x 2' x 2'	225	EA	\$55.00	\$12,375.00	

**CONTINENTAL HARDWARE, INC.**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

CATCH BASIN BLOCKS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Comments
4	Bin Block, Concrete - Interlocking, 2' x 2' x 6'	500	EA	\$100.00	\$50,000.00	
5	Bin Block, Concrete - Interlocking, 3' x 3' x 3'	25	EA	\$120.00	\$3,000.00	
6	Bin Block, Concrete - Interlocking, 3' x 3' x 6'	100	EA	\$220.00	\$22,000.00	
<b>TOTAL</b>					<b>\$123,000.00</b>	

CONTRACT NO. MUST BE ON ALL  
PAPERS, DOCUMENTS, INVOICES, VOUCHERS  
No. B2021-192

RESOLUTION

November 17, 2021

WHEREAS, on October 26, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

Name of Bidder

Robert H. Hoover and Sons, Inc.

Address of Bidder

149 Gold Mine Road  
Flanders, NJ 07836  
(973) 347-4210

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, according to specifications, namely that of, ROBERT H. HOOVER AND SONS, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER for the County of Ocean, for the contract period from date of award through November 16, 2022, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:



ROBERT H. HOOVER & SONS, INC. for nine (9) items, to wit:

ITEM NOS. 1, 1a, 1b, 1c, 1d, 1e, 1f, 1g and 1h.

For a Total Lump Sum Award of Item #'s 1 - 1h of \$2,108,363.50.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment and services to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment and services shall be available within the following funding Source: County Road Department and Vehicle Services Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-192.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, County Road Department, Vehicle Services and Robert H. Hoover & Sons, Inc., the successful bidder.

ROBERT H. HOOVER & SONS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

Confirmed

14. Submission of Bid Package\*

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

PRICE TABLES

ITEM # 1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL

Line Item	Description	Qty.	Max Qty.	Unit of Measure	Unit Cost	Total	Comments
✓ 1	Model Year 2022, or Newer, 6 Yard Dump with Plow and Spreader, As Specified, or Equal	1	10	EA	\$186,786.00	\$1,867,860.00	
OPTIONS							
✓ 1a	Freedom 2.2 Spreader Control, As Specified	1	10	EA	\$2,812.50	\$28,125.00	
✓ 1b	Larger Dump Body, As Specified	1	10	EA	\$795.00	\$7,950.00	
✓ 1c	Paint for Dump Body, As Specified	1	10	EA	\$2,651.75	\$26,517.50	
✓ 1d	Road Department Paint Color Scheme, As Specified	1	10	EA	\$1,426.00	\$14,260.00	
✓ 1e	Diagnostic Tools/Test Equipment, As Specified	1	3	SET	\$20,417.00	\$61,251.00	
✓ 1f	Two-Way Radio-Power and Wiring Requirements for New Vehicles, As Specified	1	10	EA	\$500.00	\$5,000.00	

PROPOSAL DOCUMENT REPORT

Bid - MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

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ROBERT H. HOOVER & SONS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

Line Item	Description	Qty.	Max Qty.	Unit of Measure	Unit Cost	Total	Comments
✓ 1g	Installation of County-Supply Two Way Radio Accessories, As Specified	1	10	EA	\$740.00	\$7,400.00	
✓ 1h	Technical Support, As Specified	1	180	EA	\$500.00	\$90,000.00	
TOTAL						\$2,108,363.50	

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL**

Year, Mfr., Model: 2023 Freightliner 114SD  
Engine: Cummins L9  
Transmission: Allison 3500 RDS  
Delivery, A.R.O.: 300 Days  
Warranty: 1 Year Basic and Extended  
Warranty Per Specs

**STAINLESS STEEL  
DUMP BODY**

Mfr., Model: Galion 433FT  
Warranty: 1 Year

**PLOW SYSTEM**

Mfr., Model: ARM SPX 050  
Warranty: 1 Year

**UNDER TAILGATE  
SPREADER**

Mfr., Model: Meyer BL960  
Warranty: 1 Year

**HYDRAULIC  
SYSTEM**

Mfr., Model: Certified Power  
Hydraulics  
Warranty: 1 Year

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS**

**General**

Chassis designed for heavy-duty general use of a dump, snow plow and spreader truck with appurtenances	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Set back axle truck package with a minimum bumper-to-back-of cab measurement of 114". Axle setback to provide the best turning radius possible.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Intended Service: Dump Truck	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab to Body Clearance: 3 inches	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Axle Capacity: 16,000 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Axle Capacity: 25,000 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Expected GVW Capacity: 40,020 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Engine**

Cummins L9, minimum 300 HP @ 2,200 RPM and 860 lb.-ft. torque @ 1,200 RPM. Shall be in-line 6 cylinder of wet sleeve design, and 50 State certification and electronics for simple service and diagnosis when needed. Minimum displacement shall be 8.9 liters. Engine must comply with latest federal mandate for diesel emissions. Should an alternate power plant be offered, the bidder shall provide all necessary technical data to show proof of equality.

Stainless steel oil pan and hardware

**Engine Equipment**

Engine must have latest diesel emission certification and OBD

Regen inhibit speed threshold-5 MPH

PTO engine RPM Limit 2,400 RPM

Enable regeneration in PTO mode

No PTO mode cancel vehicle speed

Oil check and fill: engine mounted

Alternator: 160 amp DR 28 SI brushless Quadra-mount with remote battery volt sense

Batteries: Two (2) 12-volt GNB Maintenance Free 2050 CCA

Battery Box: Plastic, frame-mounted, left side under cab

Positive and negative posts for jumpstart located on frame next to starter

Positive load disconnect switch mounted outboard of driver seat. Must be protected from bottom of cab.

Compressor: 18.7 CFM

Discharge line: Teflon

Engine Protection: electronic engine-integral warning system with shut down function

Engine brake: Cummins exhaust brake

Exhaust: Single right-hand under step mounted horizontal after-treatment system with diamond plate cover and cab access steps

Fan Drive: Horton air on/off drive automatic fan control

Oil filter: full-flow

Fuel filter

13 gallon diesel exhaust fluid tank shall be full of fluid at delivery

Non-polished aluminum diamond plate diesel exhaust fluid tank cover

**✓ ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Engine Equipment (Cont'd)**

Radiator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy-duty coolant: -34 degrees Fahrenheit extended life with coolant filter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Constant-torque clamps: constant torque for coolant hoses 1-3" diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Heater: Phillips 1,000W/115V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chrome heater receptacle: mounted under driver's door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flywheel housing: Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air intake warmer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Starter: Delco 12V 39 MT HD with OCP and magnetic switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Transmission and Equipment**

Transmission: Allison World RDS 3500 six-speed electronic automatic with PTO provision, six (6) forward gears and one (1) reverse gear. Six-speed transmission programming (223) Programmed to unlimited output speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vehicle interface wiring, Magnetic engine drain, transmission and rear axle fill and drain plugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vehicle interface wiring with body builder connector mounted back of cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic transmission customer access connector	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Underslung or overslung frame cross-member at transmission mount	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trans oil check and fill with electronic oil level check	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission cooler: heavy-duty water-to oil in radiator end tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTO mounting LH side of transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Front Axle and Equipment**

Detroit DA-FS-16.0-572KPI/3.74 drop, minimum capacity @ ground of 16,000 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Set Back Front Axle Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brakes: Meritor cam 16.5 x 6" Q+ cast spider cam with dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brake lining: non-asbestos	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brake drums: Conmet outboard-mounted cast-iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front oil seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic 75W-90 front axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front hubcap: Vented oil-type with window center and side plugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front slack adjusters: Meritor	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**✓ ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Front Axle and Equipment (Cont'd)**

Power steering pump: TRW TAS-85	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power steering reservoir: 4-quart	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Suspension bushings: graphite bronze with seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front suspension: flat-leaf springs rated @ 16,000 lbs. minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front shock absorbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Rear Axle and Equipment**

Meritor RS-25-160 series with .63 thickness housing, 25,000 lbs. with 18" ring gear minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle ratio: 5.63	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle carrier housing: heavy-duty iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main driveline: MXL176T Meritor extended lube with half-round yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver controlled traction differential with driver controlled differential lock rear valve with dash-mounted switch and blinking indicator lamp, differential unlock with ignition off, active @ 5 MPH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lubrication: Synthetic 75W-90 rear axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Brakes: Meritor cam 16.5 x 7" P cast spider heavy duty double anchor fabricated shoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle brake linings: non-asbestos with dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear brake drums: Webb HW outboard-mounted cast iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brake cams and chambers on forward side of drive axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle oil seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parking brake chambers: Bendix Eversure Longstroke spring parking brake chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle Automatic slack adjusters: Haldex	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Suspension: 26,000 lbs. Flat leaf with helper and radius rod	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fore and aft control rods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Axle clamp: Standard U-bolt pad	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Brake System Equipment**

Brake Package: Full air	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Anti-lock brake system: Wabco four-channel, 4-sensor/4 modulator, with-out traction control enhancement	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Brake System and Equipment (Cont'd)**

- Chassis air lines: reinforced nylon, fabric braid and wire braid depending on location
- Brake relay valve with 5-8 PSI crack pressure
- Air dryer: Bendix AD9SI heated air dryer mounted inboard on LH rail
- Air reservoirs: Aluminum
- Air tank drain valves: Pull cables on all air tanks
- Clear frame rails BOC to front of rear suspension both rails outboard
- Quick disconnect fitting w/50' of 200 PSI hose for tire inflation
- Trailer airbrake package with airlines to back of truck

**Frame and Wheelbase**

- Wheelbase: 150"
- Cab-to-Axle: 84"
- Frame: 2,592,000 RBM, 7/16" x 3 9/16" x 11 1/8" heat treated steel, 120,000 KSI yield strength single channel, double frame is not acceptable due to rust perforation of inner frame splayed frame shape at front with 24" front frame extension
- End of frame: Square-cut
- Rear Suspension Cross Member: Standard heavy-duty C-channel

**Chassis Equipment**

- Front bumper: 14" steel 3/8" or Custom for snow plow mounting
- Front tow hooks: Two (2) frame mounted
- Fender and front of hood mounted front mud flaps
- Front license plate bracket included
- Chassis Fasteners: Grade 8 threaded Hex

**Fuel Tanks and Equipment**

- Left hand fuel tank: 60-gallon, must be constructed of aluminum to preclude exterior corrosion and interior fuel contamination
- Fuel tank: 25" diameter
- Fuel tank and band finish: Polished stainless steel bands with plain aluminum tank
- Fuel tank orientation: Forward mounted under cab
- Fuel tank cap: Standard, non-locking
- Fuel/water separator: With heated bowl and primer pump

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**



**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Fuel Tanks and Equipment (Cont'd)**

Fuel hoses: Nylon high temperature reinforced

**Front Tires, Hubs and Wheels**

Front Tires: Michelin XZU-S 315/80R x 22.5 20 Ply

Front Hubs: Conmet pre-set bearing iron (aluminum hubs are not acceptable)

Front Wheels: Accuride model 29039 5-hand 5.25 inset 10-bolt hub-pilot 22.5" x 9.00" steel disc

Front wheel nuts: Hub-pilot with flat flange

**Rear Tires, Hubs and Wheels**

Rear Tires: Michelin XDS-2 11R22.5 16-ply

Rear hubs: Conmet pre-set bearing iron (aluminum hubs are not acceptable)

Rear wheels: Accuride model 28828 2-hand hole 10-bolt hub-pilot 22.5" x 8.25" steel disc wheel

Rear wheel nuts: hub pilot with flat flange

Wheel check high visibility green loose wheel nut indicator on all wheels

**Spare Tires to be Included**

One (1) spare front tire mounted to wheel to match specified front wheels and tires

One (1) spare rear tire mounted to wheel to match specified rear wheels and tires

**Cab Exterior**

Cab: 114" BBC conventional aluminum and/or steel cab, one-piece heated windshield, adjustable doors with concealed hinges, fiberglass hood and split fenders with splash shields that lift away from the engine compartment when the hood is tilted. Entry and egress shall be made via a 3-point system consisting of self-cleaning non-slip steps and a minimum of two (2) grab handles on each side for the operator and passengers to utilize, one on the inside of the door, and one on the cab exterior to the rear of the door. The steps shall be a minimum of 4" wide and the grab handles must be large enough to be safely grasped by one wearing heavy-duty work gloves.

Cab mounts: Air

Bug Screen: Non-removable mounted behind grille

Grab handles: Exterior LH/RH

Grille: Stationary Grille

Hood: Fiberglass

Air Horn under deck

Electronic horns: Dual

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Cab Exterior (Cont'd)**

Key and Lockset: All trucks and all locks keyed the same with six (6) keys per unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Headlights: Single halogen composite with bright bezels, headlights on with wipers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marker lights: aerodynamic LED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stop/Tail/Turn lamps at end of frame LED integral	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary mirrors: Dual west coast bright finish with heater LH & RH remote	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirror Mounting: Mirrors mounted on doors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Auxiliary mirrors: 8" convex bright finish mounted under primary mirrors both sides	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear window: Tinted safety glass	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door windows: Tinted with lowered bottom beltline for increased sideward visibility and operating wing windows LH & RH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door window regulators: Electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield: 1 piece tinted and heated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield washer reservoir with fluid level indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Cab Interior**

Interior Level: Gray vinyl interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior convenience package roof mounted console with additional center compartment with CB provision	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH upper door trim: Molded door panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RH upper door trim: Molded door panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Map pockets: LH door, forward roof mounted console, and upper storage compartments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dash mounted 12 volt power supply	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smart switch expansion module	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cup Holder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Conditioning	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main heater/vent control: Main HVAC with recirculation switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HVAC ducting for fresh air intake with snow shield	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heater plumbing: Standard without ball shut off valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A/C compressor: heavy-duty	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A/C condenser: Radiator mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>CAB AND CHASSIS SPECIFICATIONS (CONT'D)</u></b>		
<b><u>Cab Interior (Cont'd)</u></b>		
A/C plumbing; binary control with R134A refrigerant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab Insulation Package: Standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12V negative ground electrical system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior lights: Dome door activated LH & RH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab door locks: Electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver seat: Elite high-back air suspension with 2 chamber air lumbar/heat, integrated cushion extension forward and rear cushion tilt, adjustable shock absorber with dual driver seat arm rest	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Passenger seat: Elite high-back air suspension with 2 chamber air lumbar/heat, integrated cushion extension forward and rear cushion tilt, adjustable shock absorber with dual arm rest	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver seat cover: Vinyl	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Seat belts: 3-point adjustable D-ring retractor for outboard seating positions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steering column: Tilt	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior sun visors: Standard driver and passenger	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 lb. Fire extinguisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Triangular Reflector kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Instrument Panel and Controls</u></b>		
Gauge package: Electronic	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gauge finish: Black bezels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Low air pressure warning: Light and buzzer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air system pressure gauge with primary and secondary gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cruise control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Starter control: key-controlled	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LCD odometer, trip odometer, hour meter and voltmeter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Diagnostic Interface connector: Located below dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel level gauge: Electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coolant temperature gauge: Electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB AND CHASSIS SPECIFICATIONS (CONT'D)**

**Instrument Panel and Controls (Cont'd)**

Transmission temperature gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hour meter: Integral with driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine oil pressure gauge: Electric switch with indicator lamp	<input checked="" type="checkbox"/>	<input type="checkbox"/> PTO
Radio: AM/FM WB with front auxiliary input	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radio speakers: Two (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radio antenna	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Speedometer: Electronic, MPH scale	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tachometer: Electronic, 3000 RPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Digital Voltage Display: Integral with driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield wiper control: Electric 2-speed with variable intermittent settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Snow plow light must be activated through OEM chassis wiring	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Six (6) on/off rocker switches in the dash with indicator lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parking brake system: 2-valve system with warning indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turn signal switch: Self-cancelling with brake overriding stop lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Paint**

Paint type and color: Basecoat clear coat paint; color to be selected from standard color chart at time of order	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint design: Standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis color: Black Polyurethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bumper color: Black	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front and Rear wheel color: Powder-coated black	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Undercoating**

Entire truck chassis, underside of cab and underside of added body, oil pan (dump, utility, platform) to be coated with Tectyl 2423 haps free black which is a low VOC, high solids, emulsion corrosion preventive coating, or equal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**Accessories**

One (1) complete set of filters for cab/chassis, drive train and upfit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Five (5) gallons of recommended-use hydraulic fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**DUMP BODY SPECIFICATIONS – GALION HEAVY DUTY CROSS-MEMBER-LESS MODEL 433U STAINLESS DUMP BODY**

**Manuals**

The end unit shall be delivered with the following items:

One (1) fire extinguisher, interior mounted

One (1) complete set of all fluid filters, air filters and belts for engine, transmission, final drives, mounted equipment, optional equipment, and all accessories that have replaceable filters

Three (3) complete sets of mechanic’s “shop”, service and troubleshooting USB’s for chassis, engine, transmission, optional equipment, mounted equipment and accessories, including wiring diagrams. Parts manuals shall be in USB format (First ordered unit only)

Three (3) sets of Manufacturer’s Line Setting Sheets for chassis, mounted equipment, and optional equipment

One (1) “Build Book” per unit ordered. This Build Book shall include the brand, model, part number and serial number for the following items/systems: Hydraulic Control Valve; Hydraulic Control Cables; Hydraulic Reservoir; Plow; Spreader; Optional Freedom 2.2 Spreader Control (if ordered); PTO and Pump; Tarp System; Dump Body. A sample of this build book will be available to view during pre-build meeting.

**General**

The dump body required under these specifications shall be constructed of 304-2B stainless steel. Unit shall consist of a heavy duty body, hydraulic hoist, hydraulic pump, cab shield, safety accessories, and all other components necessary to make up a complete operating unit. The body and hydraulic hoist shall be manufactured by the same company. Hoist shall be Class 50 NTEA rated telescopic.

**Minimum Body Dimensions**

Inside Length: 10’6”

Inside Width: 84”

Overall Width: 96”

Side Height: 26”

End Height: 36”

Rear Post Height: 36”

Capacity: 5.9/6.8 Cubic yards water level

Cab Shield: 10 Gauge 304-2B, ½” x 90” Integral cab shield

**Minimum Body Construction**

Sides: 7 gauge 304-2B stainless steel with formed sloping dirt shedding bottom rail

Board Pockets: 10” x 7 GA 304-2B side board pockets for 4” wood

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**DUMP BODY SPECIFICATIONS – GALION HEAVY DUTY CROSS-MEMBER-LESS MODEL 433U STAINLESS DUMP BODY (CONT'D)**

**Minimum Body Construction (Cont'd)**

Front/Tailgate: 7 GA 304-2B stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor: Hardox 3/16" AR450 180,000 PSI steel with 2" side to floor radius	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Top Rail: 7 GA 304-2B stainless steel with formed in dirt shedding box top rail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Side Braces: One (1) pressed outward "V" per side	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oak Wood Side Boards: 2" x 4" side boards shall be placed on both sides of dump body	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Corner Post: 6" wide x 7 GA 304-2B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1 1/4" x 3/8" Tarp Rail: Full length stainless both sides (round bar not acceptable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grip strut stainless steel rail – length of body at base	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Corner Post: 15" wide full depth x 7 GA 304-2B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15" Full Depth Rear Bolster: 7 GA 304-2B stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tailgate: 7 GA 304-2B stainless steel. Full perimeter box bracing, two intermediate vertical braces and one intermediate horizontal brace	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Six (6) panel double-acting tailgate with two sets of stainless steel banjo plates and long chains to allow tailgate to lie down horizontal with floor (Banjo eyes punched in rear post not acceptable). Steel D-ring inside top center of tailgate for removing tailgate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty stainless steel "tarp friendly" top hardware with grease fittings and chains on top pins to prevent loss of them if removed. 1" overshot lower hardware	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tailgate release handle left front corner with chain & ring to lock handle closed. 5/8" release rod down left side alongside of long sills with enough gussets to prevent sagging	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3/8" spreader chains to be bright zinc plated steel covered with Naltex protection covering	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crossmembers: None	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Longsills: 10" @ 25.5# I-beam long sills	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting: STD FMVSS 108 LED lights/reflectors. Must have one (1) oval LED Stop/Tail/Turn in each rear corner post. Three (3) 1" clearance lights mounted in pull plate in back of truck	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Body Up Indicator Light: As required by OSHA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Underbody: Black	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Welding: Continuous exterior welding required (skip welding or caulking not acceptable). All welds must be cleaned at factory to remove all burn marks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**DUMP BODY SPECIFICATIONS – GALION HEAVY DUTY CROSS-MEMBER-LESS MODEL 433U STAINLESS DUMP BODY (CONT'D)**

**Minimum Hoist Requirements**

Hoist shall be Class 50	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trunnion mounted to the body with the largest diameter of the cylinder at the bottom for increased stability	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The front head sheet of the body shall be of one piece and be of a height sufficient for hoist and have a dog house 10" deep by 20" wide	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All tubing sections of the cylinder shall be salt bath nitrided for superior corrosion resistance, increased hardness and durability	<input checked="" type="checkbox"/>	<input type="checkbox"/>
U-cup type seals shall be positioned in the gland nuts of each section with a wiper installed above each seal to keep contaminants out	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When the tubes retract, they shall be surrounded by oil below the U-cup seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
An outer cover shall enclose the cylinder while not in use	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Through means of the oscillating collar attached to the bottom of the outer cover, the body can be offset to one side 5 to 7 degrees without side loading the cylinder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cylinder first moving stage, 4 1/2" O.D.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Three (3) stages with 100" stroke	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operating pressure, 2,000 PSI	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) body prop	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Miscellaneous**

Tailgate spreader chain kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) oval Stop/Tail/Turn light cutouts in rear corner post	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wiring for standard dump body lights enclosed in a sealed waterproof wiring harness. Split loom not acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Body and hoist shall come complete with manufacturer's safety decals and operating Instructions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Body and hoist warranted to be free from defects in material and workmanship under normal use and service for a period of five (5) years	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) stainless steel grab handle, driver side front	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless steel side ladder; slide out; 2 step. Location to be determined by County.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3M reflective tape on both sides of body and on 6-panel tailgate	<input checked="" type="checkbox"/>	<input type="checkbox"/>





MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**PIONEER MODEL EDD 1500D 8/15' TARP SPECIFICATIONS (CONT'D)**

Worm & Wheel Configuration: Permanently lubricated sealed gearbox. 90 to 1 Ratio

Output shaft shall be supported by ball bearings on both ends. Output shaft shall be directly coupled to left side roller. Electric motor is .85 horsepower. Aluminum gearbox housing. Plastic protective cover. 3/4" O.D. output shaft. Motor is thermally protected by automatic resetting circuit breaker.

**Pivot Arm Framework**

Pivot Arms: 1.745" O.D. x 1.405" I.D. 6105-T6 Aluminum Extrusion with .250 W X .94 L reinforcing fin on one side and .75 W x .50 L reinforcing block on other side. Overall height to be 3.185"

Rear Section: 1 3/4" O.D. x 170 wall 6061-T6 Aluminum Extrusion

Bows: 1 3/8" O.D. x .125 wall 6105-T4 Aluminum Extrusion

Arm Mounting Brackets: Steel Weldment

Base Plate: 1/4" H.R.S.

Mounting Hub: 4" O.D. steel tube

Spring: Reverse wound torsion spring – 1/2" diameter wire

Wire per ASTM A229 Class I

**Fabric**

100% Polyester, 1000 Denier, Black HD mesh, 13 oz. per square yard

**Construction**

Seamless front to rear, rectangular in shape, 85" wide, grommets on front & sides, pocket at rear

**Wiring and Electrical**

All wire shall be 8 gauge stranded cable, all connectors shall be ring type. High amperage self-centering rotary switch (Momentary On/Off – Momentary On). Thermal reset circuit breaker (Auto Reset).

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**CENTRAL HYDRAULIC MANUAL SYSTEM – STAINLESS ENCLOSURE**

**PTO**

**CHELSEA RESE MTCA 3301000175 MTCA3301**

The PTO shall be of a hot shift design driven off the Allison automatic transmission. The PTO shall have a direct mount rotatable pump flange. There shall be a console mounted rocker switch to engage and disengage the PTO.

**Pump**

**PARKER P20A346JEAL17-25**

The pump shall be a cast iron, positive displacement, gear type pump. The pump shall feature pressure balanced, bronze wear plates and Teflon bushings. Pump shaft shall be a 7/8" 13 spline shaft to couple with PTO. Pump size shall be 3.44 cubic inches of displacement.

**Control Valve**

The control valve shall be a cast iron, sectional type spool valve. Valve shall have a priority inlet with adjustable flow control and adjustable main relief. The hoist section shall incorporate an auxiliary relief for the dump hoist down function. The Priority flow from inlet shall run to a combined flow section upstream of spreader section to ensure seamless operation of spreader during winter operations. The valve shall have a nominal flow rating of 20 GPM with flows to 30 GPM available with a pressure drop not to exceed 140 PSI.

Valve shall be a Parker-Gresen model V-20. Use of external flow dividers is unacceptable.

Valve shall be arranged as follows: 1 – Priority flow inlet; 2 – DA Hoist with 500 down side relief; 3 – DA Plow Raise; 4 – DA Plow Angle; 5 – Combined flow section; 6 – Spreader with detent and reverse

**Spreader Control**

The spreader control shall be a dual knob valve with on/off handle.

The spreader valve shall have individual flow adjustment knobs for the spinner and auger. Spreader valve shall include a relief cartridge to protect the motors in the event of a material jam. Valve shall feature spinner priority to reduce material pile up from the auger at low flow conditions. 1/2" JIC Bulkhead fittings shall be drilled through frame rail to accommodate a short jumper hose with quick disconnects mounted to body.

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CENTRAL HYDRAULIC MANUAL SYSTEM - STAINLESS ENCLOSURE (CONT'D)**

**Cable Controls**

The control valve shall be shifted via sealed cable assemblies. The cable assembly shall feature a polyethylene conduit with armor over braid and Teflon liner. Cable assembly shall be rated for a minimum of 100 lbs. pull and 80 lbs. push. Cables shall be attached to the hydraulic valve by a bonnet type connection with clevis pin and locking clips. Cable shall be attached to an in cab handle. The handle shall be mounted in a location convenient to the operator. The handle shall feature cast base construction with steel internal parts and be rated for 80 lbs. of output force. A knob with identification label shall be attached to the end of the handle.

**Reservoir/Valve Enclosure**

Reservoir must be constructed of 7 GA stainless steel. Reservoir/valve enclosure must be 30-gallon capacity with an integrated covered mounting area for the valve. All plumbing for the hydraulic valve inside the enclosure shall be SAE rated stainless steel tubing and terminate on the front of the reservoir with JIC bulkhead connectors. The breather cap shall be mounted to an inspection lid. Inspection lid shall also provide for an in-tank mounted return line filter. The filter assembly shall incorporate a 10 micron 50 GPM filter element with a 25 PSI bypass. The reservoir shall include a twist off filler/breather assembly with 40 micron vent filter and a fill screen. Reservoir shall be complete with a sight temperature gauge and a magnetic drain plug. Suction port shall allow for installation of a 2" NPT 50 GPM suction screen. Suction screen shall have a 3 to 5 PSI by-pass spring. A 2" full flow ball valve shall be installed in the suction line. Removing of a lid to access the filter and breather cap is not acceptable. The reservoir shall have a float switch to control PTO operation in the event of low oil.

**SPX 050 AMERICAN ROADS TRITON SNOW PLOW**  
**STEEL MOLDBOARD TUBE TABLE POWER INFINITE REVERSING FULL PLOW**  
**SPECIFICATIONS**

**Moldboard Specifications**

Moldboard length of 11 feet

Moldboard height of 42 inches

Moldboard material shall be 10 gauge carbon steel smooth rolled profile providing ultra-smooth surface for snow deflection

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>STEEL MOLDBOARD TUBE TABLE POWER INFINITE REVERSING FULL PLOW SPECIFICATIONS (CONT'D)</u></b>		
<b><u>Moldboard Specifications (Cont'd)</u></b>		
Overhang from cutting edge shall have minimum 12" overhang with 10 degree attack angle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Top of moldboard shall be reinforced by 2 ½" x 2 ½" x 3/8" angle iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bottom of moldboard shall be reinforced by 4 x 4 x 3/4" angle iron and drilled to accommodate AASHTO standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ribs shall be reinforced with 2 x 2 x 3/8 angle as well as the upper and lower reinforcement angles. Ribs shall be 5" at the trip edge and 3" tall at the top edge by ½" wide. Ribs shall be spaced to match support arm locations as well as provide adequate support of the moldboard. A total of 12 ribs shall be used per moldboard assembly. Three sets of double ribs and 6 single ribs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Each rib shall have a ½" relief at the corners where they attach to the reinforcement angles. This allows water to drain off the back of the moldboard during storage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
At the bottom of each rib there shall be three 1 5/16" holes spaced at 1 7/8" center to center to allow for semi-circle height adjustment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two sets of double ribs shall have three 1 5/16" holes spaced at 2 ¼" center to center to allow for attack angle adjustment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Weldments on the moldboard shall be continuous	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Outer rigs of moldboard shall be drilled for marker installation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) curb guards mounted each side of moldboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Trip Mechanism Construction</u></b>		
Plow shall be full trip design consisting of two (2) coil springs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Springs shall be ¾" wire with a coil OD of 5 9/16", consisting of 16 full coils	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bottom angle shall be reinforced by eleven (11) ½" thick gussets spaced evenly to avoid interference with cutting edge attachment hardware	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cutting edge shall be 6" x 5/8" x 11' long and is drilled to AASHTO standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cutting edge shall be secured using 5/8" grade 8 carriage bolts	<input checked="" type="checkbox"/>	<input type="checkbox"/>

✓ ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
**YES** **NO**

STEEL MOLDBOARD TUBE TABLE POWER INFINITE REVERSING FULL PLOW SPECIFICATIONS (CONT'D)

Push Frame

Push frame shall be designed to hydraulically reverse the moldboard in an arc at any angle from 35 degrees left to 35 degrees right from a centered position

Push frame shall be constructed from a 1/2" plate

Push frame shall be supported above and below the semi-circle with 2 x 4 x 3/16" tubing

Push frame shall be drilled to accept 1 1/2" bolt at the semi-circle connection. At this connection, welded to the push frame is the female portion of the socket connection. This connection distributes the pushing load directly from the push frame to semi-circle and moldboard relieving stress on the bolted connection. The female socket connection is made from 1" plate steel and contoured to match the male portion on the semi-circle.

Rear of push frame shall be drilled to accept a removable QCP adapter. Three sets of 1 3/16" holes shall be drilled on 2" centers to allow for installation on a variety of trucks and hitches

Two holes shall be located on the top and bottom push frame plates drilled to accept 1 1/2" bolts for hydraulic cylinder attachment.

All welds must be continuously welded, no exceptions.

Semi-Circle Construction

Semi-circle shall be constructed from 5 x 5 x 3/16" tubing. The main tube or "push beam 5 x 5 x 5 1/16" is 120" long spanning the entire width of the moldboard. This tube shall be constructed from one continuous piece.

There shall be two stops placed appropriately to prevent the plow from turning past 35° left or right.

Crank style jackleg (part #0091215) to be mounted on backside of semi-circle    
 Hydraulic cylinder mounting points shall be 1/2" plates welded to the top and bottom of the semi-circle. Plates shall be drilled to accept 1 1/2" bolts for hydraulic cylinder attachment. These plates also serve as locators for support arm shackles and gussets to provide additional support from the "push beam" to the rest of the semi-circle.

In the center of the semi-circle, a hole shall be drilled to accept the 1 1/2" Grade 8 bolt that acts as the pivot point for the push frame. Also, at this point above and below the semi-circle shall be the male portion of the socket that relieves stress from the bolted connection. This shall be made from 1" plate steel and contoured to match the female portion on the push frame.

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**STEEL MOLDBOARD TUBE TABLE POWER INFINITE REVERSING FULL PLOW SPECIFICATIONS (CONT'D)**

**Semi-Circle Construction (Cont'd)**

Tabs shall be welded on the push frame to accept 1/2" screw type chain shackles. These tabs shall be made from 1/2" plate steel 5 1/4" long and 2 1/2" wide. They shall be welded to the back side of the 5" tubular push beam to increase the weld surface area. They shall be welded at 55 degrees from the bottom of the semi-circle to match the chain angle going to the lift arm on the hitch. ☒ ☐

There shall be seven sets of 3/4" thick moldboard mounting ears installed along the push beam for attachment of the moldboard. Moldboard shall pivot at these points on 1 1/4" diameter rivet pins with a washer and cotter pin on the opposite side of the rivet head. ☒ ☐

Four sets of the moldboard mounting ears (two outer sets on either side of the push beam) shall have an inside spacing of 3/4" to accept a single 1/2" moldboard rib. Three sets of the moldboard mounting ears (the center sets) shall have an outside spacing of 2 3/4" to fit inside double moldboard ribs. ☒ ☐

Moldboard attachment ears shall be gusseted with 4" triangular steel gussets. The push frame shall connect to upper portion of the moldboard using two support arms. The center of the support arm shall be made from 2 x 2 x 1/4" square box tube. Actual mounting points are 1" schedule 40 pipe fully welded through the box tubing. The box tubing shall be drilled through to accept the pipe, the actual connection point is a 7/8" bolt. ☒ ☐

**Adjustable Cast Mushroom Shoes**

Plow to be fitted with adjustable cast steel mushroom shoes mounted left and right on rear of semi-circle ☒ ☐

A 1/2" steel plate to be welded onto the semi-circle rear with five (5) adjusting holes for overall height ☒ ☐

Adjusting handle crank to be stowable against the shoe housing and allow up and down movement of the shoe via threaded screw ☒ ☐

A 1 1/4" screw with adjusting nut are housed in a 3" square shoe housing with a welded on 5-hole mounting plate ☒ ☐

Cast steel mushroom plow shoe has 6" bolt centers, 3/4" square holes and is 10.625" in diameter and 2.34 inches thick. ☒ ☐

Grade 8 hardware shall be used throughout ☒ ☐

**ITEM #1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**STEEL MOLDBOARD TUBE TABLE POWER INFINITE REVERSING FULL PLOW SPECIFICATIONS (CONT'D)**

**Hydraulics**

Plow angle shall be controlled by two double acting hydraulic cylinders	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Each cylinder shall have a 4" bore with an 8" rod diameter with a maximum operating pressure of 3000 PSI	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Retracted cylinder length shall be 21" with both the rod and cylinder ends accepting 1 1/2" bolts/pins for connecting to the semi-circle and push frame.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plow shall be equipped with one crossover relief valve. Valve shall use 1/2" ports and be set to a relief pressure of 1000 PSI.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**QCP**

Push frame shall be equipped with a removable QCP adapter for quick hitch applications	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The side of the removable QCP shall be drilled to allow for three different mounting heights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base of the QCP shall be made from MC4 x 13.8# channel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QCP side plate shall be 1/2" formed plate	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QCP loop diameter shall be 2"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Paint**

Paint shall be of high quality, free of runs, overspray, and defects	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard paint type shall be epoxy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard paint color shall be safety orange	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**SPH A-152 ARM BUMPER-TO-FRAME PLOW HITCH SPECIFICATIONS**

**Hitch Frame**

Frame shall be heavy duty, low profile, front frame mounted style, designed for use with trucks equipped with a tilt hood and stationary grille - snow plow hitch must clear hood when open	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The frame shall be capable of self-storing the hydraulic cylinder when not in operation thus allowing the lift arm to fold down parallel to the rest of the frame.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vertical supports of the hitch shall be constructed from 4 x 4 x 3/8" square tubing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**SPH A-152 ARM**

**BUMPER-TO-FRAME PLOW HITCH SPECIFICATIONS (Cont'd)**

**Hitch Frame (Cont'd)**

Cylinder support bracket on the hitch shall be constructed from 3 1/2" x 3 1/2" x 1/2" angle fully welded to both vertical supports. The two cylinder mounting tabs shall be 1/2" steel placed in the center of support bracket and spaced at 2 1/8" apart. Each tab shall be drilled to accept a 1" pin. ☒ ☐

The upper horizontal support of the hitch shall be constructed of two pieces. The first is a formed 3/8" plate that wraps the top and upper back portion of the vertical supports. This plate also acts as a stop when the lift cylinder is stored as well as one of two points the lift arms connection tabs are welded. The second horizontal support is a 1/2" contoured plate that allows the lift cylinder to be stored and provides a second mounting point for the lift arm connection tabs. ☒ ☐

There shall be two pairs of lift arm support shackles. Each pair shall be made from 1/2" x 9 3/4" plate and drilled to accept 1 1/4" pins. ☒ ☐

Fully welded to the vertical supports shall be two C 8 x 18.75 channels with 1/2" thick end plates. The end plates shall be drilled to accept six 5/8" grade 8 bolts for attaching the hitch between the frame rails. ☒ ☐

Support of the lower portion of the hitch shall be provided by left and right hitch side plates constructed of 5/8" plate and securely bolted to the truck frame where appropriate. ☒ ☐

**Pin Lock QCP**

Plow attachment shall be made by a pin lock QCP assembly ☒ ☐

Top and bottom of the assembly shall be made from 1/2" contoured plate. Both plates shall be drilled to accept the 2" lock pin. ☒ ☐

Welded to the bottom plate shall be a 5/8" chamfered plate that both provides support to the lock pin and helps to guide the QCP loop into the hitch ☒ ☐

Welded to the top of the top plate shall be a formed 3/8" plate drilled for the 2" lock pin that both provides support and protects the pin in the event a plow is set too high while hitching ☒ ☐

In front of the QCP assembly shall be two 1/2" thick form bumpers. These bumpers are the resting/pushing point for the plow. They shall be curved to allow the plow to raise and lower smoothly. ☒ ☐

Lock pin shall be 2", tapered at one end for ease in guiding into position, and has tabs welded to the other for the lift bar attachment. ☒ ☐



MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**SPH A-152 ARM**

**BUMPER-TO-FRAME PLOW HITCH SPECIFICATIONS (Cont'd)**

**Heavy Duty Lift Arm Assembly**

Heavy duty lift arm shall be an extendable style with seven different extended positions.                      

Frame of the lift arm shall be constructed from ½" x 4" steel plate that is formed to contour the outer tube of the extendable arm. This frame is also the connection point to the hitch and hydraulic cylinder.                      

The external tube shall be constructed of 4" heavy wall square tubing. On each end of the tube are 1" wide bushings ground to fit the inner tube. This ensures a tight long lasting fit                      

Top plate on the lift arm shall be 3/16" and is used to prevent "racking" of the frame.                      

The inner tube shall be constructed of 3" heavy wall square tubing. Tubing is drilled to allow for the seven different extended positions.                      

Lift arm assembly shall be welded to the square tubing. Tubing shall be drilled to allow for the seven different extended positions.                      

Welded to the front of the inner tube shall be a formed ½" plate with notches to accept standard ½" link chain. When required this plate can be changed to match different level lift systems.                      

**STAINLESS STEEL 8' UNDER TAILGATE SPREADER SPECIFICATIONS**

**MEYER BL-960**

**Specifications**

Body Width: 96"                      

Hopper Height: 19"                      

Hopper Width: 96"                      

Hopper Depth: 18"                      

Spread Width: 4'-40'                      

Empty Weight: 450 lbs.                      

Spinner Diameter: 18"                      

Material Movement: Auger                      

Mounting Method: Under Tailgate

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**STAINLESS STEEL 8' UNDER TAILGATE SPREADER SPECIFICATIONS (Cont'd)**  
**MEYER BL-960**

**Specifications (Cont'd)**

Hopper Material: Stainless Steel

Spreader Material: Salt or Salt/Sand Mix

**General**

This under tailgate shall be of the bottom opening design

The spreader shall fasten to the corner posts of the dump body using spreader manufacturers' brackets and quick disconnect pins for quick mounting and removal without the use of special tools

This mounting shall allow the dumping of materials without interference from the Spreader

This unit shall spread free flowing granular materials, abrasives and chemicals

This unit shall be factory adapted to accept automatic control systems (only with a sensed motor)

All stainless steel used in the production of this unit shall be corrosion resistant, non-magnetic stainless steel

The manufacturing and production of this unit shall be of the best commercial practices, and only materials of the finest quality shall be used

**Trough**

Rigid 10 GA stainless steel one piece end plates shall be continuously welded to a 10 gauge stainless steel auger trough & 3" x 1 1/2" formed channel stainless steel rear member

The unit shall have a 10 gauge stainless steel three point hinged bottom door that when released, exposes the entire length of the auger for easy cleanout

This hinged bottom shall be held in place by two replaceable heavy duty cam locks with a lift handle for convenient one man operation

The anti-flow cover over the discharge opening shall be manufactured of 10 gauge stainless steel and removable without the use of tools

The 10 GA stainless steel trough cover/backplate shall be one piece hinged integral part of the unit that may be raised when spreading and lowered for dumping operations

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

ITEM #1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

STAINLESS STEEL 8' UNDER TAILGATE SPREADER SPECIFICATIONS (Cont'd)

Trough (Cont'd)

This cover shall be capable of being locked in either the raised or lowered position by two replaceable captivated latches

Drive

A direct drive coupled hydraulic motor shall be provided for driving the auger

This hydraulic motor shaft shall mount directly to the auger pipe by a non-corrosive sleeve and a 1/2" grade 8 bolt

The hydraulic motor shall mount directly to the end plate

There shall be two separate hydraulic "orbital type" motors capable of delivering high torque at low speeds to power both the auger and the spinner

The auger feed rate and spinner speed are both variable

Feed Mechanism

The 6" diameter (nominal) heavy duty auger shall consist of flights with outer edge at not less than .150 thickness, which is welded to a 2 7/8" diameter ERW pipe size tube

This auger shall have continuous and reverse flighting to the discharge port for more uniform dump body unloading, and shall be supported by 1 1/4" idler end shaft

The auger idler shaft shall be supported in sealed self-aligning precision single row radial ball bearing with grease fitting

The discharge port shall be located on the left side of the trough, approximately 21" in from the edge of the bottom door

The spreader shall be equipped with a safety interlock device to positively prevent power from reaching the auger motor when the top cover and bottom door are opened beyond the normal operation position

Spinner

The spinner shall consist of a disc and six (6) fins molded into a single polyurethane unit, resulting in a flat trajectory and uniform spread pattern from 4 to 40 feet in width

The spinner assembly shall be adjustable side to side, allowing for variable spread patterns left, right, and center of vehicle

This shall be accomplished by sliding the hinged frame sideways on the shaft so that the point at which the material hits the spinner disc is varied

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**STAINLESS STEEL 8' UNDER TAILGATE SPREADER SPECIFICATIONS (Cont'd)**

**Spinner (Cont'd)**

The entire spinner assembly shall be easily removed by pulling two pins, and uncoupling two hydraulic quick disconnect hoses

The spinner disc shall be mounted directly onto the hydraulic motor shaft by means of a cast iron spinner hub

The spinner shall be linked to the truck frame with a universally mounted parallel arm to keep the spinner horizontal to the road surface at all dump body angles

A spinner shield shall be provided to prevent material from striking the truck

The spinner shall be adjustable in height in four positions

The entire spinner assembly shall be made of stainless steel except for the motor and the spinner disc

**Mounting**

This spreader shall fasten to the side of the dump box using quick disconnect pins for quick mounting and removal without the use of special tools

**Painting**

All stainless steel shall be chemically cleaned, but remain un-painted. Carbon steel components shall be chemically cleaned and coated with a lead free rust inhibitive primer and painted with lead free black

**WARRANTY DETAILS**

Cab and Chassis: Extended Warranty: 5 year/150,000 mile engine warranty with unlimited hours to include turbo, injectors and ATS; 5 year transmission warranty with unlimited mileage; 5 year towing for warrantable repairs warranty

Stainless Steel Dump Body: 5 year warranty on hoist and body structure

Tarp: 1 year warranty on motor and moving parts

Central Hydraulic Manual System: 1 year warranty parts and labor

Complete Plow System: 1 year warranty

Under Tailgate Spreader: 1 year warranty

**Warranty shall start on date of acceptance of vehicle by the County.**

**Vendor shall submit all warranty details with bid submission.**

ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

OPTIONS

✓ 1A. Freedom 2.2 Spreader Control

Controller shall have 3 Pulse Width Modulation (PWM) output channels for liquid and granular spreader controller	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The controller shall be a microprocessor type capable of PWM control of three hydraulic valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Controller must be automotive grade for durability. Any gaming type controllers are unacceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The controller must offer ground speed control from vehicle signal. No GPS antenna can be used for ground speed signal input.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The controller must have three channels to operate an auger/conveyor and liquid system.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PWM signal must be adjustable for a wide range of implement functionality.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The controller shall be capable of ground speed oriented spreading, ground speed triggered, and manual mode.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The system shall offer a manual mode lock out option	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The spreader controller shall operate in open or closed loop configuration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Controller shall offer remote pause, unload mode, liquid float input, test speed, and on-screen error with alarms and message reporting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sensor short detection with message and alarm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
System must have 2 auxiliary output channels available	<input checked="" type="checkbox"/>	<input type="checkbox"/>
System shall offer spinner configurable MPH shut off, storm totals on screen or with USB.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operator screen shall offer knobs or touch screen to control granular and liquid outputs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
There shall be nine (9) independently programmable feeder output channels for accurate lbs. per mile output	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The system shall also offer 9 programmable speeds for the spinner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
System shall maintain up to 4 different granular material types	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**OPTIONS (Cont'd)**

**1A. Freedom 2.2 Spreader Control (Cont'd)**

There shall be an integrated blast mode with instant off to stop output if necessary

Blast must be programmable for flow rate and material distance

Unit shall provide an unload mode at speeds of up to 5 MPH

A standby (pass) mode shall be provided to allow for momentary interrupt of the spreader without changing the feeder/spinner/liquid output

All programming and calibration shall be accomplished using the touch screen of the controller. Detachable key board is not acceptable.

**Modular Granular and Liquid Valve**

The modular manifold must be constructed of 6061 anodized aluminum

Modular manifold must have an adjustable pressure of up to 3500 PSI with multiple flow, pressure, performance, and function configurations

Each function shall be equipped with screw adjustable manual overrides protected by jacketed debris covers

The modular manifold shall operate in either open center (fixed displacement) or closed center (variable displacement) hydraulic circuits

The auger/conveyor must be rated at 15 GPM and feature a cartridge valve design for precision spreading

The spinner valve must provide 10 GPM and also feature a cartridge design valve with manual override

Pre-wet or anti-ice implements shall be available as a 10 GPM hydraulic circuits if necessary

Additional cartridge valve required for liquid system

These functions shall be proportional controlled, pulse width modulated, pressure and flow compensated, with heavy duty 12 VDC coils

Spreader control "outside the cab" harnessing shall meet IP 68 standards

Connections must be NEMA x6 standards for dust protection

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1A. Freedom 2.2 Spreader Control (Cont'd)**

Outside the cab connections shall be rated as NEMA "x8" – protected against the effects of a permanent submersion in water as well as able to show no corrosion after 500 hours in a 35C salt spray

The entire hydraulic system shall be completely serviceable without removing from the enclosure or disassembling sections

The electronics and hydraulics shall be manufactured by the same company

The hydraulic system shall be pressure and flow tested before the installation process

The modular spreader valve manifold shall be mounted in a weather resistant enclosure

Enclosure shall be vented to reduce moisture

Five (5) year warranty on spreader valve, Two (2) year warranty on controller

**1B. Larger Dump Body**

Larger dump body shall have same specifications as indicated in base vehicle, but with 30" sides to maintain a water capacity of 6.8 cubic yards

**1C. Paint for Dump Body**

Paint specified dump body in a single stage paint a single color (i.e. School Bus Yellow or other paint color from color chart)

**1D. Road Department Paint Color Scheme**

School Bus Yellow from the bottom of the windows down. Bahama Blue from the bottom of the windows up to and including cab roof and back, on hood from bottom of windshield to a point on the hood to make a "V" and match the Road Department fleet. Shall be base coat clear coat. (Note: Not all Vehicles will be painted this way)

**1E. Diagnostic Tools / Test Equipment**

Cummins Quickserv Unlimited Service plan, with renewals, shall be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment

1. Successful bidder may be required to supply between one (1) to three (3) complete sets of test/diagnostic/ programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable).

2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software.

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**OPTIONS (Cont'd)**

**1E. Diagnostic Tools / Test Equipment (Cont'd)**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. All software installations and activations will be completed by the successful bidder at no cost to the County.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Training shall be provided on all items in this section at a County location.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. This equipment shall be the OEM equipment as available by the chassis manufacturer.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**1F. Two-Way Radio Power and Wiring Requirements for New Vehicles**

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The wires shall be unterminated. The 12VDC sources shall be protected from making contact with grounded metal surfaces.

**1G. Installation of County Supplied Two Way Radio and Accessories**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc. For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.



MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

**ITEM #1 – MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (CONT'D)**

✓ **1G. Installation of County Supplied Two Way Radio and Accessories (Cont'd)**

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The 12VDC sources shall be protected from making contact with grounded metal surfaces.

✓ **1H. Technical Support**

Technical Support is to be provided by factory authorized technical representatives and is to be the original equipment Manufacturers' industry standard technical presentation in a classroom setting.

The support provided shall be at the journeyman/equipment technician level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.

Technical support may be requested in the following areas:

- 1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
- 2. Transmission – 1 day at each location
- 3. Electrical – 1 day at each location
- 4. Brakes – 1 day at each location
- 5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
- 6. Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/support hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be allowed only with consent of Vehicle Services. The total training hours will be required to be provided and no additional compensation will be considered. The actual time to be spent on each area will be by mutual agreement of the Vehicle Services Department and the successful bidder.

For the purposes of determining materials and other training costs, class size is anticipated to be comprised of six (6) to ten (10) Vehicle Services Department personnel. Actual class size will be determined by the Vehicle Services Department at the time the classes are scheduled.

Before the training is scheduled, Vehicle Services and the contractor will agree on the scope of the training, and the type and quantity of manuals, etc. that are necessary for proper coverage.

MOTOR VEHICLE: SMALL DUMP TRUCK WITH PLOW AND SPREADER

ITEM #1 - MODEL YEAR 2022, OR NEWER, 6 YARD DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

OPTIONS (CONT'D)

IH. Technical Support (Cont'd)

Technical Support for Vehicle Services may be provided at the following fleet maintenance facility location as scheduled by a Vehicle Services Department representative:

- a. Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (Two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)
- b. Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical Support for other Departments will be held at a location within Ocean County. The requesting Department will notify the successful bidder of the location.

Training at the successful bidder's site, rather than the designated locations, will be by mutual consent only.

Technical support will be requested and scheduled on an as needed basis up to but not exceeding the 180 hours total during a period not to exceed twelve (12) months from the date of placing the last unit in service.

CONTRACT NO. MUST BE ON ALL  
PAPERS, DOCUMENTS, INVOICES, VOUCHERS  
NO. B2021-193

RESOLUTION

November 17, 2021

WHEREAS, on October 26, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLE: THREE WHEELED STREET SWEEPER for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

Name of Bidder

Granturk Equipment Co., Inc.

Address of Bidder

One Schuylkill Parkway  
Bldg. B  
Bridgeport, PA 19405  
(610) 239-9800

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, according to specifications, namely that of, GRANTURK EQUIPMENT CO., INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of Motor Vehicle: Three Wheeled Street Sweeper, for the County of Ocean, for the contract period from date of award through November 16, 2022, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

GRANTURK EQUIPMENT CO., INC. for six (6) items, to wit:

ITEMS NO. 1, 1a, 1b, 1c, 1d and 1e.

For a Total Lump Sum Award of Item #'s 1 - 1e of \$622,396.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: Solid Waste Management and Vehicle Services O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-193:

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Solid Waste Management, Vehicle Services and Granturk Equipment Co., Inc., the successful bidder.

**GRANTURK EQUIPMENT CO., INC.**

PROPOSAL DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLE: THREE WHEELED STREET SWEEPER

**PRICE TABLES**

**ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED OR EQUAL**

Line Item	Description	Qty.	Max. Qty.	Unit of Measure	Unit Cost	Total	Comments
✓ 1	Model Year 2021, or Newer, Elgin Pelican Three Wheel Single Engine Broom Street Sweeper, As Specified, or Equal	1	2	EA	\$251,798.00	\$503,596.00	
<b>OPTIONS</b>							
✓ 1a	Solid Waste Management Department Color Scheme, As Specified	1	2	EA	\$1,500.00	\$3,000.00	
✓ 1b	Diagnostic Tools/Test Equipment, As Specified	1	3	SET	\$2,100.00	\$6,300.00	
✓ 1c	Two-Way Radio Power and Wiring Requirements for New Vehicles (Wiring Only), As Specified	1	2	EA	\$375.00	\$750.00	
✓ 1d	Installation of County-Supplied Two-Way Radio and Accessories (Radio and Wiring), As Specified	1	2	EA	\$375.00	\$750.00	
✓ 1e	Technical Support, As Specified	1	180	HOUR	\$600.00	\$108,000.00	
<b>TOTAL</b>						<b>\$622,396.00</b>	

PROPOSAL DOCUMENT REPORT

Bid - MOTOR VEHICLE: THREE WHEELED STREET SWEEPER

**ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL, SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL**

*Sweeper Manufacturer/Model:* ELGIN PELICAN

*Chassis Manufacturer/Model:* ELGIN PELICAN

*Engine:* JOHN DEERE 4045T

*Transmission:* HYDROSTATIC

*Hopper System:* FRONT END LOADING 3 YARD

*Warranty:* 5 YEAR SEE ATTACHED WARRANTY STATEMENTS

*Delivery, A.R.O.:* SIX (6) MONTHS AFTER RECEIPT OF ORDER

**COMPLIANCE**  
**YES**                      **NO**

**GENERAL**

Street sweeper having a three wheel configuration, belt conveyor, 3.6 cubic yard front high dumping hopper, hydrostatic transmission, and right and left side broom with variable down pressure controlled from cab

Contract will be awarded for the product which best serves the interests of the County when cost, product, safety, quality and delivery are considered. The County reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. A contract will be awarded to the bidder submitting the lowest responsible bid meeting the requirements. **The County requires that the sweeper(s) be delivered no later than six (6) months After Receipt of Order (ARO).**

**CHASSIS – SET BACK AXLE**

Configuration shall be three wheel, rear steer. Front steer configurations shall not be acceptable.

For safety, steering strut shall have dual tires. Single tire steer wheels shall not be acceptable in case of flat tire.

To protect the target vehicle receiving the hopper discharge, sweeper shall have permanently fixed heavy duty steel bumpers with rubber padding, capable of limiting the forward movement of the sweeper before the sweeper drive wheels or chassis can impact the target vehicle

For maximum strength, chassis shall be fully welded; formed channel and boxed tube style. Bolt together chassis shall not be acceptable due to limited structural strength.

Chassis shall have front and rear tow hooks.

MOTOR VEHICLE - THREE WHEELED STREET SWEEPER

ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

CHASSIS - SET BACK AXLE (Cont'd)

Engine compartment cover shall have two raising assist cylinder

Rear axle shall be strut; incorporates single-sided swing arm suspension type, having a minimum capacity of 7,400 lbs.

Front axles shall be stub type, each having a minimum capacity of 10,000 lbs.

CHASSIS ENGINE

Diesel engine shall be 4 cylinders, turbocharged, dynamically counter balanced, 276 cu/in. (John Deere 4045T or equal). Engine must be EPA Tier 4 "final" and CARB emission compliant and be capable of operating on biodiesel up to B20.

Horsepower rating shall be 74 HP @ 2400 RPM.

Engine shall have ECU for throttle control and management of after treatment system.

Engine shall be rubber mounted.

For greater heat dissipation and lower cost of maintenance, engine shall have individually replaceable wet sleeve cylinder liners.

Air cleaner shall be dual element safety dry-type.

Anti-freeze/water mixture shall be rated at -20 degrees.

Diesel fuel tank shall have a minimum capacity of 35 U.S. gallons.

For operator safety in the event of engine cutout, steering system shall have a manual override.

An engine shutdown shall be included which protects against damage when either low oil pressure or high coolant temperature conditions occur.

The battery can be positively disconnected from the sweeper with an in-cab switch for safety reasons during service and maintenance work and for not draining the battery in case the sweeper is not being used for a longer period of time.

Doors and ignition shall be keyed alike. Six extra keys to be provided.

Engine Block Heater

MOTOR VEHICLE - THREE WHEELED STREET SWEEPER

ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

	COMPLIANCE	
	YES	NO
<b><u>HYDROSTATIC TRANSMISSION</u></b>		
Pump shall be variable displacement with separate variable displacement wheel drive motors.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power shall be evenly distributed through planetary torque hubs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power shall be transferred from wheel drive motors to planetary torque hubs without side loading.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Single foot pedal shall automatically produce required torque at a set pressure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
To prevent the possibility of contamination and the resulting damage to the transmission system, transmission shall be protected by 10 micron filter with cab restriction indicator.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Single foot pedal shall control both forward and reverse directions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydrostatic transmission shall be computer controlled to optimize propel system to engine power.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>TIRES AND WHEELS</u></b>		
Front drive tires shall be tubeless radial tires, 11R22.5 (Load range H) mounted on disc wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dual rear tires shall be tubeless radial tires, 215/75 R17.5 (Load range H) mounted on disc wheels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sweeper shall be equipped with rear suspension, providing smooth ride for operation, while reducing chassis fatigue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear suspension shall be single-sided swingarm type - design allows for ease of tire accessibility - utilizing heavy duty twin spring coils with shock absorbers - for superior dampening of ground input during operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear suspension shall have 3 inches of effective travel for maximum jounce.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear suspension shall have single convolution hollow rubber spring to prevent hard stop of suspension at jounce limit for increased ride quality.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) spare front and one (1) spare rear tire and wheel shall be included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>



**ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES                      NO**

**BRAKES**

Service brakes shall be full power, hydraulically applied, twin-caliper disk type.

The hydrostatic system shall be equipped with a priority relief valve to enable the sweeper to gradually coast to a stop when the accelerator pedal is released. The County of Ocean has determined that systems that abruptly stop the sweeper by dynamically braking when the accelerator pedal is in the neutral position are potentially dangerous to our operators shall not be accepted.

Loss of engine or hydraulics power shall not automatically engage brakes.

Neither brake engagement nor disengagement shall be dependent upon the engine running.

Neither parking brake or brake engagement nor disengagement shall be dependent on any electrical circuit.

To safely provide redundancy, parking brake shall be positively and mechanically applied to drive axle.

**CAB**

Cab glass area shall be not less than 8,500 square inches.

Doors shall be all glass. The doors should be capable of latching completely sealed.

Front windows shall be tinted. Front window area shall be a minimum of 2,300 square inches for optimum forward visibility

Minimum cab visibility shall be approximately 360 degrees without using mirrors.

Cab doors shall be rear opening (hinged at front).

Cab interior environment shall be fully conditioned by filtered fresh air heater pressurizer / defroster and air conditioner (A/C) with adjustable vents.

Sweeper shall include one (1) inside rear view mirror and two (2) outside west coast type mirrors.

Outside mirrors shall be mounted forward of the cab enclosure.

Rocker switches shall be internally illuminated so that they can be readily identified in no or low light conditions without the use of the cab dome light.

Windshield wiper shall be two-speed intermittent with washer.

MOTOR VEHICLE - THREE WHEELED STREET SWEEPER

ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

**CAB (Cont'd)**

Interior of cab shall be lined with acoustical insulation, have automotive type trim, and center console.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Dash shall be faced with soft molded plastic.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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There shall be a soft textured steering wheel with center horn at the operator position with tilt and telescopic steering wheel for safer operation.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Sweeper shall have an automatic electronic back-up alarm.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Sound levels within the cab shall not exceed OSHA standards.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Unheated and hand controlled west coast cab mirrors and standard hopper cross view unheated mirrors shall be provided.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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An AM/FM radio with blue tooth capability and USB Port, two (2) speakers with two map lights is added to the truck.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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License plate holders shall be mounted on the rear of the sweeper and on the front of the body. The rear mounted holder is illuminated.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The standard recessed door latch to open and close the engine compartment is replaced by a keyed recessed door latch.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The rear window of the cab shall slide open for ventilation and is in lieu of the standard fixed window.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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The standard truck seat is replaced with Dual mid back, black vinyl, air suspension seat (with armrests) for the right side or left side.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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An in-cab mounted 2.5 lb. (1.1 kg) ABC fire extinguisher.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**SIDE BROOMS**

Side broom shall be hydraulic, direct drive, vertical digger type mounted on right and left sides.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Broom speed shall be variable, (90 RPM to 160 RPM), by operator from cab while moving and shall be independent of sweeping speed.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Broom down pressure shall be adjustable by operator from the cab while sweeping.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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MOTOR VEHICLE – THREE WHEELED STREET SWEEPER

**ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)**

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

**SIDE BROOMS (Cont'd)**

Each broom shall consist of four (4) replaceable plastic segments, filled with 26" long tempered wire.

Broom diameter shall be not less than 36", protruding not less than 13" beyond outside of tire while sweeping.

Electrically operated tilting mechanism allows operator to change inward/outward tip of the right side broom. Angle can be changed from the cab while sweeping. This allows efficient sweeping of irregular surface that could require special manual setting of the broom.

**MAIN BROOM**

Broom shall be hydraulic, direct drive, not less than 35" diameter and not less than 68" long.

Broom speed shall be variable, (80 RPM to 140 RPM), by operator from cab while moving and shall be independent of sweeping speed.

Sweeping path shall be not less than 8 feet wide with one gutter broom activated.

The main broom shall raise automatically when the sweeper is reversed.

The broom will return to its sweep position and set down pressure when a forward direction is resumed.

The standard main broom is replaced with a United Rotary Brush brand brush, paddle type strip broom.

**CONVEYOR**

Conveyor with Chevron style cleats and shall be hydraulically driven and able to load hopper to 100% of rated useable capacity.

Conveyor shall be reversible in direction without stopping or reversing any broom.

Conveyor shall be capable of effectively sweeping debris of varying sizes (from large bulky trash 6" in height to fine sand) without the need to make any adjustments to the conveyor system.

A conveyor belt having molded Chevron style cleats and sipes shall carry, not drag, debris to the hopper.

The main broom shall raise automatically when the sweeper is reversed. The broom will return to its position and down pressure when a forward direction is resumed.

MOTOR VEHICLE - THREE WHEELED STREET SWEEPER

✓ ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

**COMPLIANCE**  
**YES**                      **NO**

**CONVEYOR (Cont'd)**

Cleans lower conveyor roll by diverting fill water, at hydrant pressure, through the conveyor roll area.

In-cab dash mounted audio and visual alarm to indicate if the conveyor stalls.

**HOPPER**

The hopper shall be front dumping, allowing an operator to observe the dump target and surrounding area at all times from the cab, without the use of mirrors.

Hopper shall dump at varying heights ranging from ground level through a height of 9-1/2 feet.

Hopper shall have a dumping reach of 33 in. forward.

Tilt arm bearings shall be permanently - lube Teflon impregnated Composite.

Dump cycle shall be not more than 60 seconds.

Volumetric capacity shall be not less than 3.6 cubic yards, useable capacity not less than 3.5 cubic yard.

The Lifeliner Hopper System shall be provided to protect the hopper against corrosion and wear and to facilitate the removal of the debris when dumping. Bare steels including stainless steels are unacceptable and will not be considered.

**WATER SYSTEM**

Tank capacity shall be not less than 220 U.S. gallons.

Tank shall be constructed of non-rusting material (polyethylene or equal).

Pump shall be a 5 chamber diaphragm pump that is self-priming and capable of running dry.

Water fill gauge shall be visible from normal operating position.

Sweeper shall be equipped with an automatic internal hopper/conveyor flush and wash down system.

Water fill hose shall be not less than 16'8" in length, equipped with 2-1/2" NST hydrant coupler.

Storage basket shall be provided for fill hose.

MOTOR VEHICLE – THREE WHEELED STREET SWEEPER

ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

<u>COMPLIANCE</u>	
<u>YES</u>	<u>NO</u>

**WATER SYSTEM (Cont'd)**

Quick coupling for the water fill hose. Instead of threaded on connection, the water fill hose can be quickly connected and disconnected to the sweeper's water fill connector.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Tool for opening and closing the fire hydrant for filling up the water tank.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**HYDRAULIC SYSTEM**

Power shall be provided by shaft and gear driven pumps.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Hydraulic reservoir shall be not less than 33 gallons, baffled and with sight gauge.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Test ports shall be at staggered height, including individual ports for sweeping functions, hopper functions and propulsion.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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To prevent contamination of the reservoir during the dump cycle, the reservoir vent shall be equipped with 10 micron, spin on filter.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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To prevent the possibility of contamination and the resulting damage to the hydraulic system, return lines for drive to have 10 micron filter with cab mounted restriction indicator.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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To prevent contamination of the reservoir when adding hydraulic fluid, all oil added shall pass through a 10 micron filter located within the fill spout.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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To maximize cooling efficiency and permit thorough cleaning, the hydraulic cooler shall be mounted alongside the water radiator.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Cooler shall be protected by a 125 PSI bypass valve.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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To minimize environmental damage caused by leaking hydraulic fittings, all pressure hydraulic fittings shall be flat-face "O" ring or "O" ring boss type.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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All circuits shall have quick-disconnect check ports.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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A warning indicator shall be supplied to warn operator if the hydraulic oil in the reservoir falls below the acceptable level required.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**ELECTRICAL**

Unitized alternator/regulator shall be not less than 90 ampere.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Battery shall be maintenance free, 12 volt, 180 minimum reserve, 925 CCA.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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For safety, all electrical circuits shall be protected with automatically self-resetting circuit breakers which do not require any action by the operator to reset.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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MOTOR VEHICLE – THREE WHEELED STREET SWEEPER

ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

	COMPLIANCE	
	YES	NO

**ELECTRICAL (Cont'd)**

All lighting shall be D.O.T. approved including combination stop and tail lights, sealed multiple beam headlights, high beam-low beam switch, adjustable side broom spotlights, illuminated gauges and instrument panel, internally illuminated rocker switches, self-canceling directional signals, and hazard switch.

All wiring shall be harnessed, identified by color coded and word coded wires (i.e. "Ignition", "Headlight" etc.)

All terminals shall be properly crimped and splices ultrasonically welded.

All electrical connections shall be sealed with weatherproof, polarized connector.

Electrical system shall have complete plug-in diagnostics that includes fault codes and troubleshooting.

Two (2) LED flood lights mounted on the top of the cab facing forward for extra forward illumination, to view in the body or for extra light when dumping.

The lights can be controlled by an in-cab dash mounted switch.

Two rear facing lights allow illuminated rear view during nighttime operation. This option also turns on when the sweeper is reversed and is also manually controllable by a switch on the control panel.

Sweeper shall be provided with Dual rear mounted strobes with guard with front and rear visibility.

Four (4) clearance lights shall be installed on the sides of the sweeper (two (2) lights on each side) An amber colored light shall be mounted in the front and in the middle of the sweeper.

**CONTROLS**

All sweeper controls shall be mounted on a central control console with locking ignition for use from either the right or left position. This allows the operator to view all important information from either operating position.

The controls shall include all sweep, spray water, and lighting functions.

The controls for sweep, spray water (if equipped with a water system), and lighting functions shall be conventional rocker switches.

Rocker switches shall be clearly identified by name and international symbol.

Hydraulic functions shall be controlled by electric rocker switches.

**ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)****COMPLIANCE**  
**YES**                      **NO****CONTROLS (Cont'd)**

Hopper dump functions shall be controlled by a single joystick that meets the SAE standard. Multiple levers shall not be acceptable and shall not be considered.

**INSTRUMENTS**

Instrument panel shall be full vision illuminated with tachometer, hour meter, speedometer, odometer, fuel gauge, hydrostatic oil temperature gauge, water temperature gauge, oil pressure gauge, voltmeter gauge, hydraulic filter/drive filter indicator and engine air intake restriction indicator.

An automatic rear view camera with full color 5.6" LCD monitor shall be provided. Camera shall monitor display the area behind the sweeper whenever the sweeper is moving in reverse. The display shall be selectable to allow continuous rear view at all times. The display shall have an additional camera input to allow future expansion of additional cameras. The camera shall be equipped with infrared lamps to allow night vision.

**PAINT**

All visible exterior metallic surfaces shall be coated prior to assembly with polyester powder coat. The paint must be a minimum of two (2) mils thick. The uses of acrylic enamels and/or polyurethane's shall not be acceptable.

Color shall be Solid Waste Fleet Color: Light Chestnut Elite 00751963EY.

Vehicle shall have an accent color of Grey on the lower portions of the unit.

Entire chassis, underside of cab and underside of added body to be coated with Tectyl 2423 haps free black which is a low VOC, high solids, emulsion corrosion preventive coating, or equal

**ACCESSORIES TO BE INCLUDED**

One (1) complete set of filters for cab/chassis, drive train and upfit.

5 gallons of recommended-use hydraulic fluid.

"SLOW MOVING" emblem shall be provided

One (1) spare main broom and two (2) sets of gutter brooms

One (1) spare water fill hose

**WARRANTY**

Manufacturer's warranty shall be not less than five (5) years on entire sweeper, including all parts and labor.

**ITEM #1 - MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**WARRANTY (Cont'd)**

- |   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
| Five (5) years engine and transmission, including engine after treatment.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Five (5) year towing package for warranty related claims.   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Ten (10) year warranty on Lifeliner Hopper System includes the corrosion protection and replacement of the metal debris hopper. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**OPTIONS****1A. Solid Waste Management Department Color Scheme**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| Color shall be Light Chestnut PPG#03956PPG (High Gloss). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|

**1B. Diagnostic Tools/Test Equipment**

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. Successful bidder shall be required to supply between two (2) complete sets of OEM testing/diagnostic/programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. All software installations and activations will be completed by the successful bidder at no cost to the County   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Training shall be provided on all items in this section at a specified County location   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**1C. Two-Way Radio Power and Wiring Requirements for New Vehicles (Wiring Only)**

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The wires shall be unterminated. The 12VDC sources shall be protected from making contact with grounded metal surfaces.

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**MOTOR VEHICLE – THREE WHEELED STREET SWEEPER**  
**ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE**  
**BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES NO**

**OPTIONS (Cont'd)**

**1D. Installation of County Supplied Two Way Radio and Accessories (Radio and Wiring)**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc.  
 For the purpose of installing two-way radios into new County vehicles and equipment,  
 the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source  
 into the cab of the vehicle. The wiring harness shall be clearly labeled  
 "TWO-WAY RADIO". The 12VDC sources shall be protected from making contact  
 with grounded metal surfaces.

**1E. Technical Support**

Technical Support is to be provided by factory authorized technical  
 representatives and is to be the original equipment Manufacturer's industry  
 standard technical presentation in a classroom setting.

The support provided shall be at the journeyman/equipment technician level  
 and should address limited theory, fault diagnosis and repair pertaining  
 specifically to the equipment supplied under this specification.

Technical support may be requested in the following areas:

1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
2. Transmission – 1 day at each location
3. Electrical – 1 day at each location
4. Brakes – 1 day at each location
5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
6. Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/  
 support hours (anticipated to be scheduled in six (6) hour blocks). Shorter training  
 days will be allowed only with consent of Ocean County. The total training  
 hours will be required to be provided and no additional compensation will be  
 considered. The actual time to be spent on each area will be by mutual agreement  
 of the Ocean County and the successful bidder.

For the purposes of determining materials and other training costs, class size is  
 anticipated to be comprised of six (6) to ten (10) personnel.

Before the training is scheduled, Ocean County and the contractor will agree  
 on the scope of the training, and the type and quantity of manuals, etc. that are  
 necessary for proper coverage.

MOTOR VEHICLE – THREE WHEELED STREET SWEEPER

ITEM #1 – MODEL YEAR 2021, OR NEWER, ELGIN PELICAN THREE WHEEL SINGLE ENGINE BROOM STREET SWEEPER, AS SPECIFIED, OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

OPTIONS (Cont'd)

1E. Technical Support (Cont'd)

Technical Support may be provided at the following facility locations:

- a. Toms River, 152 Chestnut Street, Toms River, N.J. 08753
- b. Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050
- c. Lakewood, 800 Towbin Avenue, 08701

Technical Support for other Departments will be held at a location within Ocean County. The requesting Department will notify the successful bidder of the location.

Training at the successful bidder's site, rather than the designated locations, will be by mutual consent only.

Technical support will be requested and scheduled on an as needed basis up to but not exceeding the 180 hours total during a period not to exceed twelve (12) months from the date of placing the last unit in service.



RESOLUTION

November 17, 2021

WHEREAS, on October 26, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

Name of Bidder

Robert H. Hoover and Sons, Inc.

Address of Bidder

149 Gold Mine Road  
Flanders, NJ 07836  
(973) 347-4210

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, according to specifications, namely that of, ROBERT H. HOOVER AND SONS, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of Motor Vehicles: Triaxle Dump and Tractor Trucks, for the County of Ocean, for the contract period from date of award through November 16, 2022, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

ROBERT H. HOOVER & SONS, INC. for nineteen (19) items, to wit:

ITEMS NO. 1, 1a, 1b, 1c, 1d, 1e, 1f, 1g, 1h, 1i, 1j, 1k, 2, 2a, 2b, 2c, 2d, 2e and 2f.

For a Total Lump Sum Award Item 1 (Items 1 - 1k) of \$4,043,734.00.

For a Total Lump Sum Award Item 2 (Items 2 - 2f) of \$2,366,236.70.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: Roads, Solid Waste Management and Vehicle Services O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-194.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Roads, Solid Waste Management, Vehicle Services and Robert H. Hoover and Sons Inc., the successful bidder.

ROBERT H. HOOVER AND SONS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS

PRICE TABLES

ITEM #1 - MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED, OR EQUAL

Line Item	Description	Qty.	Max. Qty.	Unit of Measure	Unit Cost	Total	Comments
✓ 1	Model Year 2023 Western Star 49X SF Specialized Dump Truck with Plow and Spreader, As Specified, or Equal	1	10	EA	\$318,533.00	\$3,185,330.00	
<b>OPTIONS</b>							
✓ 1a	Heavy Duty Heated Crossmemberless Stainless Steel Dump Body Under Options, As Specified	1	10	EA	\$3,920.00	\$39,200.00	
✓ 1b	Freedom 2.2 Spreader Control in Lieu of Manual Specification, As Specified	1	10	EA	\$2,812.50	\$28,125.00	
✓ 1c	Central Hydraulic System (Electric Proportional Plow/Granular Controls Specifications) in Lieu of Manual Controls, As Specified	1	10	EA	\$45,920.00	\$459,200.00	
✓ 1d	Paint for Dump Body, As Specified	1	10	EA	\$3,360.00	\$33,600.00	
✓ 1e	Road Department Paint Color Scheme, As Specified	1	10	EA	\$1,426.00	\$14,260.00	
✓ 1f	Spreader Leg Stands, As Specified	1	10	EA	\$4,440.80	\$44,408.00	
✓ 1g	One-Way Plow with QCP, As Specified	1	10	EA	\$12,596.00	\$125,960.00	
✓ 1h	Diagnostic Tools/Test Equipment, As Specified	1	3	EA	\$20,417.00	\$61,251.00	
✓ 1i	Two-Way Radio Power and Wiring Requirements for New Vehicles, As Specified	1	10	EA	\$500.00	\$5,000.00	
✓ 1j	Installation of County-Supplied Two-Way Radio and Accessories, As Specified	1	10	EA	\$740.00	\$7,400.00	
✓ 1k	Technical Support, As Specified	1	80	HOUR	\$500.00	\$40,000.00	
<b>TOTAL</b>						<b>\$4,043,734.00</b>	

PROPOSAL DOCUMENT REPORT

Bid - MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS

ROBERT H. HOOVER AND SONS, INC.

PROPOSAL DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS

ITEM #2 - MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL

Line Item	Description	Qty.	Max. Qty.	Unit of Measure	Unit Cost	Total	Comments
2	Model Year 2023, or Newer, Specialized Western Star 49X Tractor, As Specified, or Equal	1	10	EA	\$187,046.00	\$1,870,460.00	
<b>OPTIONS</b>							
2a	Road Department Options (Shall Consist of All Items Listed), As Specified, or Equal	1	10	EA	\$18,982.98	\$189,829.80	
2b	Solid Waste Options (Shall Consist of All Items Listed), As Specified, or Equal	1	10	EA	\$14,229.59	\$142,295.90	
2c	Diagnostic Tools/Test Equipment, As Specified	1	3	SET	\$20,417.00	\$61,251.00	
2d	Two-Way Radio Power and Wiring Requirements for New Vehicles, As Specified	1	10	EA	\$500.00	\$5,000.00	
2e	Installation of County-Supplied Two-Way Radio and Accessories, As Specified	1	10	EA	\$740.00	\$7,400.00	
2f	Technical Support, As Specified	1	180	HOUR	\$500.00	\$90,000.00	
<b>TOTAL</b>						<b>\$2,366,236.70</b>	

PROPOSAL DOCUMENT REPORT

Bid - MOTOR VEHICLES: TRIAXLE DUMP AND TRACTOR TRUCKS

Page 9

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL**

*Manufacturer/Model:* Western Star 49X SF

*Engine:* Cummins X15

*Transmission:* Allison 4700 RDS

*Warranty:* 1 Year and Extended Warranty Per Specs

*Delivery, A.R.O.:* 300 Days

**COMPLIANCE**  
**YES**                      **NO**

**GENERAL**

2023 WESTERN STAR 49X SF

Set forward axle

Lh primary steering location

**DIMENSIONS**

Front axle 20,000 lbs.

Pusher axle 20,000 lbs.

Rear axle 52,000 lbs.

Registered gvwr 80,000 lbs.; cg tags

**ENGINE**

Cummins x15 performance series 14.9l, 912 cid minimum 500v hp @ 1900rpm.

Gov 2000 rpm, and 1850 lb.-ft. Torque @ 1150rpm.

Must be in line 6 cylinder of wet sleeve design utilizing hardened Cylinder liners, and electronics for simple service and diagnosis as needed.

Minimum displacement shall be 14.9 liters.

Engine must comply with latest federal mandate for diesel emissions. Should an Alternate power plant be offered the bidder must provide, all necessary technical data to show proof of equality including Maintenance schedules.

**ENGINE EQUIPMENT**

Engine must have latest 50 state clean idle diesel emission certification

Oil check and fill: engine mounted

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>ENGINE EQUIPMENT (Cont'd)</b>		
Air intake: under hood mounted air intake with precleaner integrated into hood with inside/outside air snow door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alternator: 200 amp 28 si with remote battery volt sense	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Batteries: (4) 12-volt gnb maintenance-free 4000 CCA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Battery box: frame-mounted stack battery box LH or RH side back of cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Positive load disconnect control switch mounted under dash or floor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Remote jump start studs mounted on frame next to starter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Silicone heater/radiator hoses where possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Compressor: Cummins 18.7 CFM with internal safety valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine protection: electronic engine-integral warning system with shut down function	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine brake: Cummins intebreak compression brake with on off switch and low, med and high retardation switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust: single right-hand under cab ATD with bright finish upper 11' vertical stack cab mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2-piece fan shroud and rear rock guard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust shield: stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan drive: electronically controlled variable speed automatic control with dash switch and light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13 gallon diesel exhaust fluid tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-polished aluminum cover for def tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oil filter: full-flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel filter/water separator: Detroit engine mounted with water in fuel Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator: 1400 square-inch severe service assembly bolted to engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>



**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>ENGINE EQUIPMENT (Cont'd)</b>		
Heavy-duty coolant: -34 oat extended life	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coolant hoses: silicone where possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hose clamps: constant tension for coolant hoses and air intake system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine heater: Philips 1500w/115v	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chrome heater receptacle: mounted under driver's door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cast iron front and rear engine supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Starter: Delco 12v 39 MT+ HD OCP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>TRANSMISSION AND EQUIPMENT</b>		
Allison RDS 4700 automatic transmission with PTO provision	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<hr/>		
Programming for 70 mph output speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
S1 performance primary shift schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1800 rpm primary mode shift speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Disable-load based shift schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission prognostics-enabled	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTO mounting LH & RH side of main transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water to oil transmission cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Magnetic plugs, engine drain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission drain, axle(s) fill & drain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dash mounted push button shift control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic transmission fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission oil check and fill with electronic oil level check	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>FRONT AXLE AND SUSPENSION</b>		
Meritor 20000# front axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Meritor 16.5 x 6 q+ high capacity cast spider cam front brakes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brakes, double anchor, fabricated shoe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-asbestos front brake lining severe service	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet cast iron front brake drums	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brake dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front oil seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<hr/>		
Stemco aluminum vented front hub caps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
With window and center+side plugs – oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic 75w-90 front axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Haldex automatic front slack adjusters with stainless steel clevis pins	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix high capacity 20-23k power steering with rh auxiliary gear	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power steering pump oil air cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 quart power steering see thru reservoir	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23,000# flat leaf front suspension	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Threaded spring pins and bushings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front shock absorbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>REAR AXLE AND SUSPENSION</b>		
Meritor rt-52-185 52000# tandem rear axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Factory installed Watson/Chalin sl-2065 Tru-Track 20000# air lift	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>REAR AXLE AND SUSPENSION (Cont'd)</b>		
Steerable pusher suspension with 16.5x6" brakes, dust shields and FL 1 Watson/chalin 20000# axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pusher axle controls in cab, up/down valve, gauge and air pressure regulator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reverse lift axle warning with last state retention	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air piping for liftable pusher axle controls mounted inside cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
52" pusher axle spacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Iron rear axle carrier housing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPL250HD XL Dana Spicer main driveline w/half round yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPL170 XL Dana Spicer interaxle driveline w/half round yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver control differential lockout rear/rear with indicator light for traction device	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic 75W-90W all axles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Meritor 16.5x7" P cam double anchor cast shoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-asbestos rear brake lining	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Webb cast iron rear brake drums	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear brake dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Haldex automatic rear slack adjusters with stainless steel clevis pins	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear oil seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix eversure longstroke 2-drive axle spring	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forward of axle mounted parking chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard spindle nuts for all axles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tuf-trac 52000# inverted leaf rear suspension	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Standard ride height

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>REAR AXLE AND SUSPENSION (Cont'd)</b>		
56" axle spacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fore/aft and transverse control rods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear shock absorbers – one axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>BRAKE SYSTEM EQUIPMENT</b>		
Wabco 4S/4M ABS without traction control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reinforced nylon, fabric braid & wirebraid chassis air lines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix brake valves where possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Relay valve with 5.5 psi crack pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air connections to end of frame with glad hands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bw ad-9si brake line air dryer w/heather	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air dryer frame mounted RH under cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aluminum air brake reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab blow out kit with air hose and nozzle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pull cables on all air reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>FRAME AND WHEELBASE</b>		
242" wheelbase with 150" c/t usable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
.59 x 3.5 x 12.4 steel frame with .236" inner c-channel reinforcement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
120 KSI 40.42 SM, 4,849,851 RBM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
58 in. Overhang	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24" integral front frame extension	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Underslung crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Square end of frame

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>FRAME AND WHEELBASE (Cont'd)</b>		
Heavy duty ductile iron engine crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel rear closing crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel construction back of transmission crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel bolted construction bolted midship #1 crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel bolted construction rear suspension forward crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty steel bolted construction rear mounted suspension crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>CHASSIS EQUIPMENT/TRAILER CONNECTIONS</b>		
7-way trailer plug end of frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<hr/>		
3/8" severe duty steel bumper or custom bumper for hitch mounting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phosphate-coated class 10.9 fine thread hex chassis fasteners	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior harnesses wrapped in abrasion tape, secondary covering and connector protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air piping and electrical independently clipped to frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>FUEL TANKS AND EQUIPMENT</b>		
Single 70 gallon aluminum, minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH fuel tank mounted forward	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25" diameter fuel tank(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aluminum fuel tank bracket(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plain aluminum fuel tank with polished stainless bands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alliance fuel/water separator with heated bowl	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equiflo inboard fuel system	<input checked="" type="checkbox"/>	<input type="checkbox"/>

High temperature reinforced nylon fuel hose	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No fuel cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 -- MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>FUEL TANKS AND EQUIPMENT (Cont'd)</b>		
In tank fuel level sender	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>FRONT TIRES, HUBS AND WHEELS</b>		
Michelin XZY-3 425/65R22.5 20 PLY	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet iron front hubs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuride 29807 4.75 inset 5 hand hd 22.5x12.25 10-hub pilot steel disc front wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>REAR DRIVE &amp; PUSHER TIRES, HUBS, &amp; WHEELS</b>		
Michlein xds2 11r 24.5 16 ply rear drive axle tires	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Webb iron rear hubs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuride 28827 2 hand 24.5x8 .25 10-hub pilot steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steel disc rear wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Michelin XZY-3 425/65R22.5 20 ply pusher tires (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuride 29807 - 22.5 x 12.25" 4.75" inset 5 hand 10 hub pilot pusher wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nylon wheel guards front and rear all interfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wheel-Check High Visibility Green Loose Wheel Nut Indicator On All Wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>CAB EXTERIOR</b>		
Lower Right Hand Door Window with Fresnel Lens	<input checked="" type="checkbox"/>	<input type="checkbox"/>
121" BBC conventional steel reinforced aluminum cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Galvanized E coated sealed steel door construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forged steel door hinges with steel reinforced "a" pillar	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Triple door seal system	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Non-removable bug screen
- Front cab mounts outboard of frame for stability or when taking off and applying torque from engine

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>CAB EXTERIOR (Cont'd)</b>		
Bolt on molded fender extensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH/RH exterior grabhandles with rubber insert and RH interior grab handle MTB to reinforced 'A' post	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless steel radiator mounted grille	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless steel radiator shell/hood bezel with tilt hood handle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Molded resin hood with isolated hood suspension mounting system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hood opening strut assist with safety lock	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<hr/>		
Two (2) Hadley sd-978 26" rect air horns	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Single electric horn	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Horn shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All locks keyed the same; must have six (6) keys	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dual stage LED headlights with heated light system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aerodynamic LED marker lights in stainless steel visor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Individual LED stop/tail/turn/backup lights flush mounted end of frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Led rear facing turn signal lamps in convex mirror lens in addition to standard front turn signal lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dual C bar mirror system bright finish c-bar, heated mirrors, dual remote, turn signal, stainless steel back cover with integral convex	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door mounted mirrors with control switches on door panels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
102" equipment width	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- LH/RH heated hood mounted side view mirrors, black finish
- Stainless steel exterior sun visor
- 3 piece solar tinted impact resistant polycarbonate rear window configuration (1) 31 x 20" (2) 9 x 20"

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**CAB EXTERIOR (Cont'd)**

- Tinted door glass LH & RH tinted
- Electric door window regulators
- 1 piece tinted roped in seal mounted full grid heated windshield
- 2 gallon windshield washer reservoir with fluid level indicator

**CAB INTERIOR**

- Gray vinyl premium interior

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- Black mats with double insulation
- 12 volt power supply in dash
- Dash mounted ash tray & lighter
- Forward roof mounted console
- Map pockets, left and right doors
- Cab Coat hook(s)
- Wraparound wing dash with six digital gauges in driver command center and up to 13 gauges on the dash
- 5 lb. Fire extinguisher mounted
- Heater, defroster and air conditioner
- Main HVAC with constant temp control and cosmetic cover main fresh air inlet with fresh air filter
- Standard heater plumbing with ball shut off valves at supply lines
- Air conditioner compressor



Radiator MTD A/C condenser	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R-134A refrigerant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab insulation w/additional noise/thermal treatment front & back walls	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 - MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b>CAB INTERIOR (Cont'd)</b>		
Centralized logic controllers in main dash electrical panels, houses VPDM onboard ECU and TEM programmable modules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Multiplexed electrical system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Color-coded and laser-etched wiring	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Premium LED cab lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab door latches with electric door locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Triangular reflectors without flares	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Elite high back air suspension driver and passenger seats with 3 Chamber air lumbar support, integrated cushion extension, forward and rear cushion tilt, with heat and adjustable shock absorber inboard and outboard driver and passenger arm rests	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gray vinyl driver and passenger seat cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3-point driver & passenger seat belts including seatbelt retractor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adjustable tilt and telescoping steering column	<input checked="" type="checkbox"/>	<input type="checkbox"/>
450mm (18") black steering wheel with multifunction integrated controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver/passenger interior sun visors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>INSTRUMENT PANELS AND CONTROLS</b>		
Wrap around dash that allows up to 13 gauges and driver command center with up to six (6) digital gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Panel with teak color surround w/round gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Teak color center access instrument panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Low air pressure light and buzzer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary & secondary air pressure gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Intake mounted air restriction gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
87 db to 112 db self-adjusting backup alarm	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>INSTRUMENT PANELS AND CONTROLS (Cont'd)</b>		
Cruise control-electronic, controls on steering wheel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic mph speedometer and 2500 rpm tachometer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key operated ignition switch & integral	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Start position, four (4) position off/run/start	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Headlights on with wipers with daytime running lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Auxiliary PDM for TEM use	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electric fuel gauge		
Electrical engine coolant temp gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission oil temperature gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine and trip hour meters integral within driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine oil pressure gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM/FM WB world tuner cd stereo radio with Bluetooth, iPod interface	<input checked="" type="checkbox"/>	<input type="checkbox"/>
USB and auxiliary inputs, J1939	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) radio speakers (cab only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Headliner multi-band antenna AM/FM/Weatherband, Wi-Fi/Bluetooth, GNSS/GPS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic outside temperature sensor display in driver message center	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTO switch and four (4) dash mounted aux.switches WTH indicator lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Engine, trip and PTO hour meter within driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hand control valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Voltmeter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rotary headlamp switch, marker lights/headlights switch with pull out for optional road lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**INSTRUMENT PANELS AND CONTROLS (Cont'd)**

Wiring and switch for customer furnished snow plow lamps with dual connections at bumper	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Switch indicator light and 10' of wire on chassis LH back of cab for customer furnished utility lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) valve parking brake system	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Self-cancelling turn signal switch with integral head lamp dimmer headlamp flash, wash wipe intermittent	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy duty electronic flasher	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**PAINT/FINISH**

Rail black high solids	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint shall be base coat clear coat. Colors shall come from standard color chart or Ocean County Road Department Color Scheme as found in options	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis frame: Polyurethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wheels/Rims:		
Rear/pusher wheel color: vendor powder black	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front wheel color: Vendor powder black	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**UNDERCOATING**

Entire truck chassis, underside of cab and underside of body to be coated with Tectyl 2423 haps free black, which is a low VOC, high solids, emulsion corrosion Preventive coating, or equal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**WARRANTY**

Basic vehicle - 1 year, 50,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Battery - 1 year, 50,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brightwork – 6 months, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab corrosion/perforation – 5 years, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab structure – 1 year, 100,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>WARRANTY (Cont'd)</b>		
Corrosion – 6 months, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Crossmembers – 3 years, 300,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Diesel Emission 2010 – 5 years, 100,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Greenhouse Gas 14/17 (medium heavy duty to heavy heavy duty trucks/tractors) – 5 years, 100,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Greenhouse Gas 14/17 tire (file direct) – 2 years, 24,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame rails – 3 years, 300,000	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front/steer axle: Detroit – 1 year, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front/steer axle: non-Detroit – 1 year, 100,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint – 1 year, 50,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint, chassis – 6 months, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle: Detroit – 1 year, unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle: non-Detroit – 1 year, 100,000 miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Towing – 5 years, unlimited miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cummins 5 year 100,000 mile engine and ATS warranty	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cummins protection plan i:		
• Internal components, major engine systems and major components		
• Registered parts and labor		
• Covers the following, including mounting hardware and gaskets: cylinder head assembly, cylinder block assembly, Rocker level assembly, ECM, piston, rings		

and liners; lube oil cooler assembly, front gear cover, oil pan, connecting rod assembly, front gear cover, oil pan, connectingrod assembly, Lube pump assembly, camshaft and bushings; cam follower assemblies, crank shaft assemblies, EGR cooler, valve and mixer; Fuel injectors (excluding aftertreatment injector), turbo, water pump, fuel pump, air compressor, select engine sensors and flywheel.

Allison 7 year unlimited miles transmission warranty

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>SPECIFICATIONS FOR BRANDON HEAVY DUTY HEATED CROSSMEMBERLESS STAINLESS STEEL DUMP BODY</b>		
Model #SSHD176066 304 acid wash, or equal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>GENERAL</b>		
Floor ¼” 450 Brinell	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front 3/16” Stainless Steel 304	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sides 3/16” Stainless Steel 304	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tailgate 3/16” stainless steel 304	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Long sills 3/16” 250 Brinell steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Outside body width – 96”	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hoist attachment – front mount	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front design – 12” hoist recessed 90° corners	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front height including longsills – 72”	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Longsills shape – formed 10”	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34” longsills outside width	<input checked="" type="checkbox"/>	<input type="checkbox"/>
27” longsills inside width	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sandblasts and primer – glass bead blasting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Underbody to be painted chassis black	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) d-ring top of tailgate	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**CABSHIELD**

- Cabshield type – traditional
- Cabshield length – 24"
- Cabshield width – 90" cabshield height – to be determined to match chassis height
- Light holes configuration – 4 oval lights holes

**ITEM # 1 -- MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**SPECIFICATIONS FOR BRANDON HEAVY DUTY HEATED CROSSMEMBERLESS STAINLESS STEEL DUMP BODY (Cont'd)**

**CABSHIELD (Cont'd)**

- Cabshield installation

**SIDE**

- Side shape – formed side
- Top rail section – formed
- 6" board pocket and intermediate bracket
- Double walking rail; stainless steel
- 3/8" stainless steel upper tarp rail

**REAR**

- Double acting tailgate (lays flat or dumps through)
- Lock positioning – end point latch system
- Bolster shape – standard flat rear bolster
- Tailgate angle- straight
- Locking system – air cylinder size 2.5"; push/pull air controls
- Tailgate panel – Two (2) panels

**HOIST**

- Mailhot cs 160-6.5-4 da, or equal

**ACCESSORIES TO BE INCLUDED**

- One (1) Complete Set of Filters For Cab/Chassis, Drive Train And Upfit
- 5 Gallons of Recommended-Use Hydraulic Fluid
- One (1) spare front tire and wheel and one (1) spare rear wheel and tire

**INSTALLATION PARTS**

- 40 ton cradle

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE  
YES                      NO

**SPECIFICATIONS FOR BRANDON HEAVY DUTY HEATED CROSSMEMBERLESS STAINLESS STEEL DUMP BODY (Cont'd)**

**INSTALLATION PARTS (Cont'd)**

- 40 ton hoist bracket

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- 40-50 ton upper cylinder blocks (2)

**MISCELLANEOUS**

- One (1) oval stop/tail/turn light in each rear corner post
- Wiring for standard dump body lights enclosed in a sealed waterproof Wiring harness (split loom **NOT ACCEPTABLE**)
- One (1) set stainless steel stone guards – mounted on frame
- Body and hoist shall come complete with manufacturer's safety decals And operating instructions
- Body and hoist warranted to be free from defects in material and workmanship under normal use and service for a period of five (5) years
- One (1) stainless steel grab handle
- 3M reflective tape on both sides of body and on 9-panel tailgate
- Two (2) shovel holders – one front, one rear

**ACCESSORIES TO BE INCLUDED**

- Safety lighting – six (6) oval led amber strobe lights with amber lenses
- Two (2) recessed into rear post, two (2) at sides of cabshield and two (2) in front

- of cab shield
- All body lights shall be LED and Heated
- One (1) set of Meyer Saber heated and LED plow lights mounted on hood of chassis  
With stainless steel mounts. Location to be determined by county at time of build
- Two (2) forward facing Whelen strobe lights mounted on snow plow lights bracket  
to be powered by its own switch, part # RSA03ZCR

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**SPECIFICATIONS FOR BRANDON HEAVY DUTY HEATED CROSSMEMBERLESS STAINLESS STEEL DUMP BODY (Cont'd)**

**ACCESSORIES TO BE INCLUDED**

- Four (4) step double fold stainless steel folding ladder with grab handle; stainless  
Steps above ladder on outside and inside of body with stainless steel steps on side  
Of body
- 2" x 6" oak wood side boards

**SPECIFICATIONS FOR PIONEER MODEL EDD 1500A-A TARP, OR EQUAL**

- Side mount – steel framework
- Roller assembly – telescopic 3 piece
- Left roller tube – 2.140" OD X 2" ID 6105-T6 aluminum extrusion with  
bushing and stainless steel roll pin to accept motor shaft
- Right roller tube – 2.140" OD X 2" ID 6105-T6 aluminum extrusion with  
bushing. 1" OD 6061-T6 aluminum shaft and stainless steel oil pin
- Center section – 1.960" OD X 1.820" ID 6105-T6 aluminum extrusion
- Bearing plates – ¼" H.R.S
- Bearings – flange mounted sealed ball bearings
- Roll mounting angles - 1 ½" x 2 x ¼" steel angle

Direct drive gearmotor: mounted directly to left side roller. Worm and wheel Configuration. Permanently lubricated, sealed gearbox. 90 to 1 ratio. Output shaft Is supported by ball bearings on both ends. Output shaft is directly coupled to Left side roller. Electric motor is .85 horsepower. Aluminum gearbox housing. Plastic protective cover. ¾" od output shaft. Motor is thermally protected



By automatic resetting circuit breaker.

**PIVOT ARM: FRAMEWORK**

Pivot arms: 1 5/8" OD X 11 gauge aluminum tubing; 2 piece construction

Rear section: 1 5/8" OD X 11 gauge aluminum tubing

Bows: 1 5/16" OD X 11 gauge aluminum tubing

Arm mounting brackets: steel weldment

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**SPECIFICATIONS FOR PIONEER MODEL EDD 1500A-A TARP, OR EQUAL (Cont'd)**

**PIVOT ARM: FRAMEWORK (Cont'd)**

Base plate: 1/4" H.R.S

Mounting hub: 4" OD steel tube

Spring: reverse wound torsion spring – 1/2" diameter wire

Wire PER ASTM A229 Class I

**SPECIFICATIONS FOR CENTRAL HYDRAULIC MANUAL SYSTEM – STAINLESS ENCLOSURE**

**FABRIC**

Asphalt tarp

**CONSTRUCTION**

Seamless front to rear rectangular in shape, 85" wide, grommets on front  
And sides, pocket at rear

**WIRING AND ELECTRICAL**

All wire shall be 8 gauge stranded cable. All connectors are ring type, high  
Amperage self-centering rotary switch (momentary on – of – momentary on),  
Thermal reset circuit breaker (auto reset)

**PTO**

PTO shall be of a hot shift design driven off the Allison automatic transmission.  
PTO shall have a direct mount rotatable pump flange. There shall be a console  
Mounted rocker switch to engage and disengage the PTO. Must be Chelsea.

**HYDRAULIC PUMP WITH PTO**

Shall be on an open circuit axial piston design with adjustable compensator.

Pump operating pressure must adjust to the actual load pressure plus a pressure

- Differential required for the controlled action.
- When the system is not demanding power, the load sense control will operate in an energy-saving stand-by mode.
- Minimum pump displacement is 80cc/ 4.9 cubic inches, delivering 42 GPM at 2,000 rpm.
- Pump minimum displacement shall be 90 cubic centimeters continuously rate at 350 bar (5,000 psi). Standby pressure shall be 350 psi.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH FLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**SPECIFICATIONS FOR CENTRAL HYDRAULIC MANUAL SYSTEM – STAINLESS ENCLOSURE (Cont'd)**

**HYDRAULIC PUMP WITH PTO**

- Mounting is an SAE C 4-bolt flange
- Shaft is 1.25" diameter, 14 tooth splined

Rpm is rated to 2300 (continuous) with pressure and flow compensator control

Rear ported, flange mounted suction port shall meet the following requirements:

- Suction port minimum 2.5"
- Must use (4) m8 x 16-8.8 mounting bolts

The rear SAE ported pressure port shall meet the following requirements:

- Pressure port minimum 1" sae-16 O-ring boss

**MOUNT**

Pump must mount directly to a PTO on ALLISON 4500 series transmissions Without requiring bent axis or external mounting hardware.

Pump must offer mounting flanges N SAE and ISO configurations, and ports are Offered in SAE and ISO tube and flange versions.

Side or end-ported models must be available to facilitate plumbing and help fit The pump to your space.

Multiple drain ports allow many mounting orientations - must be standard.

**PUMP**

The hydraulic system must include a low oil shutdown with momentary override. The system shall disengage the PTO is a low oil scenario should occur. The operator Will have the ability to temporarily override the shutdown to park all hydraulic Implements for travel.

**CONTROL VALVE GRENSON VALVE WITH PRIORITY FLOW INLET**

- Central hydraulic valve system shall be a mobile design to withstand exposure to Deicing chemicals and severe weather conditions
- System shall provide hydraulic fluid to operate the dump body hoist, front plow, And granular spreader system
- Hydraulic system can run all hydraulic functions simultaneously without Inhibiting the action of the others

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE  
**YES                  NO**

**SPECIFICATIONS FOR CENTRAL HYDRAULIC MANUAL SYSTEM – STAINLESS ENCLOSURE (Cont'd)**

**CONTROL VALVE GRENSON VALVE WITH PRIORITY FLOW INLET (Cont'd)**

- Valve sections shall be of cast iron, horizontally stackable, and Serviceable without disassembly

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- Directional control valves shall be pre-compensated, proportional, And load independent
- Valve system shall be closed center for variable displacement pump
- Valve sections must be adjustable for pressure up to 5,500 psi and flow ratings up to 40 GPM.
- Each valve must be laminar flow design for minimal pressure drop. Where Required, each section must be able to limit the operating speed for the implement.
- Each section must be manually activated with manual push/pull cables
- There shall be a main pressure relieve set at 2,400 psi to protect against System over-pressurization
- Hoist section must be a PVG 100, 40 GPM 4-way section for double Acting hoist
- Plow lift and angle sections are also 4-way for double acting cylinders With crossover relief
- Spreader section shall have detent on one side of valve and self-centering on reverse Side of valve.

*Note: Please Refer To the 'Modular Granular and Liquid Valve' Section Of Option 1B. Freedom 2.2 Spreader Control In Lieu Of Manual Specifications.*

All hydraulic hoses must be bulkhead mounted with metal tube style connectors. all tubes shall be labeled with the hydraulic operation

Manufacturer must be authorized to perform warranty repairs and periodic Maintenance on hydraulic valve sections

**SPREADER CONTROL**

Spreader control shall be a dual knob valve with on/off handle.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**SPECIFICATIONS FOR CENTRAL HYDRAULIC MANUAL SYSTEM – STAINLESS ENCLOSURE (Cont'd)**

**SPREADER CONTROL (Cont'd)**

Shall have individual flow adjustment knobs for the spinner and auger.

Shall include a relief cartridge to protect the motors in the event of a material jam

Valve shall feature spinner priority to reduce material pile up from the auger at low flow conditions

**CABLE CONTROLS**

Control valve shall be shifted via sealed cable assemblies

Cable assembly shall feature a polyethylene conduit with armor over braid and Teflon liner

Cable assembly shall be rated for a minimum of 100 lbs of pull and 80 lbs of push

Cables shall be attached to the hydraulic valve with clevis pin and locking clips

Cable to be attached to an in cab handle. Handle will be mounted in a location Convenient to the operator. The handle shall feature cast base construction with steel Internal parts and be rated for 80 lbs. Of output force. A knob with identification Label will be attached to the end of the handle

**RESERVOIR/VALVE ENCLOSURE**

Reservoir must be constructed of 10 gauge stainless steel. Reservoir/valve enclosure Shall be 40 gallon capacity with an integrated covered mounting area for the valve. All plumbing for the hydraulic valve inside the enclosure shall be SAE rated stainless Steel tubing and terminate on the front of the reservoir with JIC bulkhead connectors. The breather cap shall be mounted to an inspection lid. Inspection lid shall also provide

For an in tank mounted return line filter. The filter assembly shall incorporate a 10 Micron 50 GPM filter element with a 25 psi bypass. The reservoir will include a Twist off filler/breather assembly with 40 micron vent filter and a fill screen. Reservoir Shall be complete with a sight temperature gauge and a magnetic drain plug. Suction Port will allow for installation of a 2" NPT 50 GPM suction screen. Suction screen shall Have a 3 to 5 psi bypass spring. A 2" full flow ball valve shall be installed in the suction Line. Removing of a lid to access the filter and breather cap is **NOT ACCEPTABLE**.

The reservoir shall have a float switch to control PTO operation in the event of low oil.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**WARRANTY FOR A CERTIFIED CENTRAL HYDRAULIC SECTIONAL VALVE GROUP FOR PLOW, AUGER AND SPINNER**

Warranty coverage runs for a period of one year from the date of Initial installation (or 13 months from day of shipment from certified Cirus control systems), or whichever occurs first.

**WARRANTY FOR BUMPER-TO-FRAME PLOW HITCH (SPH-A0000152)**

One year from date of delivery

**SPECIFICATIONS FOR V-BOX SPREADER**

**GENERAL**

147 series v-box hopper style salt and sand spreader. Spreader shall be capable Of hauling and spreading free flowing granular materials. Unit shall consist of a 304 stainless steel body, rear discharge conveyor, spinner disk, power drive and All components necessary to make a complete operating unit. Unit shall be Manufactured in the usa by an iso 9001:2008 certified company. Specifications on the unit must accompany the bid.

**BODY REQUIREMENTS**

14 yard capacity

Inside length of hopper shall be 15' at top and 12' at bottom

Inside top width shall be 84"

Side slope to be 45° minimum

Front panel slopes shall be a minimum of 18°

Hopper seams shall be continuous welded on inside

Sides, ends and side supports shall be 10 gauge 304 stainless steel

Top edge of hopper is formed "J" channel 2" x 1 1/2"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Auger trough shall be 10 gauge 304 stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Longsills shall be 10 gauge 304 stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cross sills shall be formed 7 gauge 304 stainless steel welded to side supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lift hooks on each corner are 5/8" stainless steel round bar	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>SPECIFICATIONS FOR V-BOX SPREADER (Cont'd)</b>		
<b>BODY REQUIREMENTS (Cont'd)</b>		
All hardware is stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3/8" rod on 3/8" rod top grate screens with anti-freeze hinges are required equipment		
With auger conveyor v-box units	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>AUGER REQUIREMENTS</b>		
Twin 7" diameter hard faced variable pitch augers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
64 cir direct drive hydraulic motor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Motor is directly coupled to end of auger shafts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Auger shafts connect at front with a 2" 4 bolt flange bearing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear auger drive has no motor guard bolted to rear	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) led spreader light mounted to spreader box	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Four (4) 6" oval amber strobe lights with amber lenses mounted in stainless Steel tissue box	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>SPINNER CHUTE ASSEMBLY</b>		
10 gauge 304 stainless steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Four (4) position telescopic adjustment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Four (4) bottom spinner deflectors shall be overlapping to prevent loss of granular material when the deflectors are raised.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Front deflector shall be fixed.
- Bottom overlapping spinner deflectors shall have four (4) positions of rod and pin adjustment without tools. Chain adjustable deflectors are **NOT ACCEPTABLE**.
- Poly 20" diameter spinner disc shall have replaceable machined hub
- Spinner hydraulic motor shall mount directly on bottom of spinner disc

**PAINT**

- All metal surfaces shall be high pressure cleaned with a phosphate solution to Remove slag, splatter, oxide, and oil residue.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES                      NO**

**SPECIFICATIONS FOR V-BOX SPREADER (Cont'd)**

**PAINT (Cont'd)**

- Non-stainless steel parts shall be painted or powder coated black
- 304 stainless steel components unpainted

**TAILGATE LOCK KIT**

- Main latch bar shall be 3" x 4.1 lb structural channel 84" wide
- Two (2) 3" x 4.1 lb x 8" structural channel with two (2) 1/2" x 1 1/2" mounting hole shall be welded to main channel to bolt on spreader
- Two (2) 1 1/4" x 7" round stock tailgate latches to be welded to main channel

**TIE DOWN KIT**

- Shall consist of four (4) chain style tie down assemblies
- Chains shall be grade 30 3/8" x 29 links
- Top plate shall be 1/4" x 4 triple broke a1011 powder coated steel With banjo eye to accept 3/8" chain
- Tie down bracket shall be 1/4" x 4" x triple broke a1011 powder coated steel With 3/8" double link clevis to attach chain
- 3/4" zinc plated turnbuckle to have grease fitting
- 1/4" turnbuckle shall have 1/2" – 13 nut welded to center to secure turnbuckle

**WARRANTY FOR 145-20 SERIES V-BOX SPREADER - 304 STAINLESS STEEL CONSTRUCTION**  
All parts of the product to be free from defects in material and workmanship for a

period of one (1) year

**SPECIFICATIONS FOR STEEL MOLDBOARD TUBE TABLE REVERSING FULL FLOW MOLDBOARD SPECIFICATIONS**

42" H x 11' L

10 gauge carbon steel smooth rolled profile providing ultra-smooth Surface for snow deflection

Overhang from cutting edge to have minimum 12" overhang with 10° attack angle

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**SPECIFICATIONS FOR STEEL MOLDBOARD TUBE TABLE REVERSING FULL PLOW (Cont'd) MOLDBOARD SPECIFICATIONS (Cont'd)**

Top of moldboard shall be reinforced by 2 ½" x 2 ½" x 3/8" angle iron. Bottom of Moldboard is reinforced by 4 x 4 x ¾" angle iron and is drilled to accommodate Aashto standards.

Ribs are reinforced with 2 x 2 x 3/8 angle as well as the upper and lower Reinforcement angels.

Ribs are 5" at the trip edge and 3" tall at the top edge by ½" wide

Ribs are spaced to match support arm locations as well as provide adequate Support of the moldboard

A total of 12 ribs shall be used per moldboard assembly

Three (3) sets of double ribs and six (6) single ribs

Each rib shall have a ½" relief at the corners where they attach to the reinforcement Angles. This will allow water to drain off the back of the moldboard during storage

At the bottom of each rib there shall be three (3) 1 5/16" holes spaced at 1 7/8" Center to center to allow for semi-circle height adjustments

Two (2) sets of double ribs shall have three (3) 1 5/16" holes spaced at 2 ¼" center to Center to allow for attack angle adjustment

Weldments on the moldboard shall be continuous

Outer ribs of moldboard will be drilled for marker installation

Two (2) curb guards mounted each side of moldboard



**TRIP MECHANISM CONSTRUCTION**

- Plow shall be full trip design consisting of two (2) coil springs
- Springs are 3/4" wire with a coil od of 5 9/16" consisting of 16 full coils
- Bottom angle is reinforced by eleven (11) 1/2" thick gussets spaced evenly to avoid Interference with cutting edge attachment hardware
- Cutting edge shall be 6" x 5/8" x 11' long and shall be drilled to AASHTO standards
- Cutting edge shall be secured using 5/8" grade 8 carriage bolts

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**SPECIFICATIONS FOR STEEL MOLDBOARD TUBE TABLE REVERSING FULL PLOW (Cont'd)**

**PUSH FRAME**

- Designed to hydraulically reverse the moldboard in an arc at any angle from 35° left to 35° right from a centered position
- Shall be constructed of 1/2" plate

- Supported above and below the semi-circle with 2 x4 x 3/16" tubing

Shall be drilled to accept 1 1/2" bolt at the semi-circle connection. At this connection Welded to the push frame is the female portion of the socket connection. This connection Distributes the pushing load directly from the push frame to the semi-circle and moldboard Relieving stress on the bolted connection. The female socket connection is made from 1" Plate steel and is contoured to match the male portion on the semi-circle

- Rear of push frame shall be drilled to accept a removable QCP adapter. Three (3) sets of 1 3/16" holes shall be drilled on 2" centers to allow for installation on a variety of Trucks and hitches

- Two holes shall be located at the top and bottom push frame plates drilled to accept 1 1/2" bolts for hydraulic cylinder attachment

- All welds are to be continuously welded. **NO EXCEPTIONS**

**SEMI-CIRCLE CONSTRUCTION**

Semi-circle shall be constructed from 5" x 5" x 3/16" tubing. The main tube, Or push beam, is 5" x 5" x 5/16" at 120 inches long spanning the entire width Of the moldboard. This tube is constructed from one continuous piece

- There two stops placed appropriately to prevent the plow from turning Past 35° left or right

- Crank style jackleg (part #0091215) to be mounted on backside of semi-circle
- Hydraulic cylinder mounting points are 1/2" plates welded to the top and bottom Of the semi-circle. Plates shall be drilled to accept 1 1/2" bolts for hydraulic Cylinder attachment. These plates also serve as locators for support arm shackles And gussets to provide additional support from the "push beam" to the rest of The semi-circle.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**SPECIFICATIONS FOR STEEL MOLDBOARD TUBE TABLE REVERSING FULL PLOW (Cont'd)**

**SEMI-CIRCLE CONSTRUCTION (Cont'd)**

- In the center of the semi-circle a hole shall be drilled to accept the 1 1/2" grade 8 bolt That acts as the pivot point for the push frame. Also, at this point above and below The semi-circle is the male portion of the socket that relieves stress from the bolted Connection. This is made from 1" plate steel and is contoured to match the female Portion of the push frame.
- Tabs shall be welded on the push frame to accept 1/2" screw type chain shackles. These tabs shall be made from 1/2" plate steel 5 1/4" long and 2 1/2" wide. They are welded to the backside of the 5" tubular push beam to increase the Weld surface area at 55° from the bottom of the semi-circle to match the chain Angel going to the lift arm on the hitch
- There are seven set of 3/4" thick moldboard mounting ears installed along the Push beam for attachment of the moldboard. Moldboard shall pivot at these points On 1 1/4" diameter rivet pins with a washer and cotter pin on the opposite Side of the rivet head.
- Four (4) sets of the moldboard mounting ears (two outer on either side of the push beam) Shall have an inside spacing of 3/4" to accept a single 1/2" moldboard rib. Three (3) sets of moldboard mounting ears (the center sets) shall have an outside spacing of 2 3/4" to fit inside double moldboard ribs.
- Moldboard attachment ears to be gusseted with 4" triangular steel gussets
- Push frame shall connect to upper portion of the moldboard using two support Arms. The center of the support arm shall be made from 2 x 2 x 1/4" square Box tube. Actual mounting points are 1" schedule 40 pipe fully welded through The box tubing. The box tubing shall be drilled through to accept the pipe. The actual connection point is a 7/8" bolt.

**ADJUSTABLE CAST MUSHROOM SHOES**

Plow to be fitted with adjustable cast steel mushroom shoes mounted left and right on rear Of semi-circle	☒	☐
A 1/2" steel plate to be welded onto the semi-circle rear with five (5) adjusting holes for Overall height	☒	☐
Adjusting handle crank to be stowable against the shoe housing and allow up and down Movement of the shoe via threaded screw	☒	☐
A 1 1/4" screw with adjusting nut are housed in a 3" square shoe housing with a welded On 5-hole mounting plate	☒	☐

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

<b><u>COMPLIANCE</u></b>	
<b><u>YES</u></b>	<b><u>NO</u></b>

**ADJUSTABLE CAST MUSHROOM SHOES (Cont'd)**

Cast steel mushroom plow shoe has 6" bolt centers, 3/4" square holes and is 10.625" in Diameter and 2.34 inches thick.	☒	☐
Grade 8 hardware shall be used throughout	☒	☐

**HYDRAULICS**

Plow angle shall be controlled by two double acting hydraulics cylinders	☒	☐
Each cylinder shall have a 4" bore with an 8" rod diameter with a maximum Operating pressure of 3,000 psi.	☒	☐
Retracted cylinder length is 21" with both the rod and cylinder ends accepting 1 1/2" Bolts/pins for connecting to the semi-circle and push frame	☒	☐

**QCP**

Push frame is equipped with a removable QCP adapter for quick hitch applications	☒	☐
QCP side plates shall be 1/2" formed plate	☒	☐
QCP loop diameter shall be 2"	☒	☐

**PAINT**

Paint shall be of high quality, free of runs, overspray and defects	☒	☐
Standard paint type will be epoxy	☒	☐
Standard paint color shall be safety orange for the moldboard and black for the frame	☒	☐

**BUMPER TO FRAME PLOW HITCH SPECIFICATIONS**

**FRONT HITCH FRAME**

Snow plow hitch must clear hood when open	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame is heavy duty, low profile, front frame mounted style. It is designed for use with Trucks equipped with a tilt hood and stationary grill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame is capable of self-storing the hydraulic front lift arm cylinder when not in operation, Allowing the lift arm to fold down parallel to the rest of the frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vertical supports of the hitch are constructed from 4" x 4" x 3/8" square tubing	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**BUMPER TO FRAME PLOW HITCH SPECIFICATIONS(Cont'd)**

**FRONT HITCH FRAME (Cont'd)**

Cylinder support bracket on the hitch is constructed a 3" X 2" rectangular tube. The two cylinder mounting tabs are 1/2" steel placed in the center of support bracket and spaced at 2-1/8" apart. Each tab is drilled to accept

A 1" pin.                      

The upper horizontal support of the hitch is constructed of two (2) pieces:

- The first is a formed 3/8" plate that wraps the top and upper back portion of the Vertical supports this plate also acts as a stop when the lift cylinder is store as Well as one of two points the lift arms connection tabs are welded.
- The second horizontal support is a 1/2" contoured plate that allows the lift cylinder To be stored and provides a second mounting point for the lift arm connection

**Tabs**                      

There are two (2) pairs of lift arm support shackles. Each pair is made from 1/2" x 9 3/4" Plate and are drilled to accept t 1/4" pins                      

Fully welded to the vertical supports are two c 8" x 18.75" channels with 1/2" thick end Plates. The end plates are drilled to accept six (6) 5/8" grade 8 bolts for attaching the hitch Between the frame rails                      

Support of the lower portion of the hitch is provided by left and right weldments bolted to The tapered portion of the frame. Weldments are drilled with four (4) 5/8" holes for Mounting to the exterior of the truck frame.                      

A 12-volt electric over hydraulic pump to operate the front hitch wing post slide located Behind cab                      

**FRONT HITCH PIN LOCK QCP**

Front plow attachment is made by a pin lock QCP assembly

- Top and bottom of the assembly are made from 1/2" contoured plate. Both plates are Drilled to accept the 2" lock pin
- Welded to the bottom plate is a 5/8" chamfered plate that both provides support to the Lock pin and helps to guide the QCP loop into the hitch
- Welded to the top of the plate is a formed 3/8" plate drilled for the 2" lock pin that Both provides support and protects the pin in the event a plow is set too high while Hitching.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES                      NO**

**BUMPER TO FRAME PLOW HITCH SPECIFICATIONS (Cont'd)**

**FRONT HITCH PIN LOCK QCP (Cont'd)**

In the front of the QCP assembly are two (2) 1/2" thick formed bumpers. These bumpers Are the resting/pushing point for the plow. They are curved to allow the plow to raise And lower smoothly:

Lock pin is 2" tapered at one end for ease in guiding into position and has tabs welded to The other for the lift bar attachment

**HEAVY DUTY ARM LIFT ASSEMBLY**

Heavy duty lift arm is extendable style with seven (7) different extendable positions

Frame of the lift arm is constructed from 1/2" x 4" steel plate that is formed to contour The outer tube of the extendable arm. The frame is also the connection point to the hitch And hydraulic cylinder

The external tube is constructed of 4" heavy wall square tubing. On each end of the tube Are 1" wide bushings ground to fit the inner tube. This shall ensure a long lasting fit.

Top plate on the lift are is 3/16" and is used to prevent "racking" of the frame Inner tube is constructed of 3" heavy wall square tubing. Tubing is drilled to allow for The seven (7) extendable positions

Welded to the front of the inner tube is a formed 1/2" plate with notches to accept Standard 1/2" link chain. When required this plate can be changed to match Different level systems.

**HYDRAULIC LIFT CYLINDER**

Hitch is provided with a single acting 4" x 10" hydraulic cylinder. A double acting Cylinder can be provided for applications where plow "float" hydraulic controllers Are used.

**WARRANTY FOR STEEL MOLDBOARD TUBE TABLE, POWER INFINITE REVERSING FULL PLOW (SPX-0000050)**

One year from date of delivery

**OPTIONS**

**✓1A. Heavy Duty Heated Crossmemberless Stainless Steel Dump Body Under Options**

Body shall be heated through diverter box with thermos-switch for activation with    
 Stainless steel piping

**✓ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES      NO**

**OPTIONS (Cont'd)**

**✓1B. Freedom 2.2 Spreader Control In Lieu Of Manual Specifications**

**General**

Controller shall have 3 PWM output channels for liquid and granular spreader controller

The controller shall be a microprocessor type capable of PWM control of three    
 Hydraulic valves.

Controller must be automotive grade for durability. Any gassing type controllers are    
 Unacceptable.

The controller must offer ground speed control from vehicle signal. No GPS antenna can    
 Be used for ground speed signal input.

The controller must have three channels to operate an auger/conveyor and liquid    
 System.

PWM signal must be adjustable for a wide range of implement functionality.

The controller shall be capable of ground speed oriented spreading, ground speed    
 triggered, and manual mode.

The system will offer a manual mode lock out option.

The spreader controller will operate in open or closed loop configuration.

Controller shall offer remote pause, unload mode, liquid float input, test speed,    
 And on-screen error with alarms and message reporting.

Sensor short detection with message and alarm.

System must have 2 auxiliary output channels available.

- AVL data transfer is available with an additional modem.
- System shall offer spinner configurable mph shut off, storm totals on screen or With USB.
- Operator screen offers knobs or touch screen to control granular and liquid outputs.
- There shall be 9 independently programmable feeder outputs channels for actuate, Lbs. Per mile output.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**OPTIONS (Cont'd)**

**1B. Freedom 2.2 Spreader Control In Lieu Of Manual Specifications (Cont'd)**

**General (Cont'd)**

- The spinner shall also offer 9 programmable speeds for the spinner.
- System will maintain up to 4 different granular material types.
- There shall be an integrated blast mode with instant off to stop output if necessary.
- Blast must be programmable for flow rate and material distance.
- Unit shall provide an unload mode at speeds of up to 5 mph.
- A standby (pass) mode shall be provided to allow for momentary interrupt of the spreader Without changing the feeder/spinner/liquid output.
- All programing and calibration shall be accomplished using the touch screen of The controller.
- Detachable key board for programming is **NOT ACCEPTABLE**.

**Modular Granular and Liquid Valve**

*\*If the freedom 2.2 spreader control is chosen, spreader with detent and reverse on under Control valve on page 42 will need to be removed, and replaced with the following:*

- The modular manifold must be constructed of 6061 anodized aluminum.
- Modular manifold must have an adjustable pressure of up to 3500psi with multiple flow, Pressure, performance, and function configurations.
- Each function will be equipped with screw adjustable manual overrides protected by jacketed Debris covers.
- The modular manifold can operate in either open center (fixed displacement) or

- Closed center (variable displacement) hydraulic circuits.
- The auger / conveyor must be rated at 15 GPM and features a cartridge valve design for Precision spreading.
- The spinner valve must provide 10 GPM and also feature a cartridge design valve With manual override.
- Pre-wet or anti-ice implements are also available as a 10 GPM hydraulic circuits if necessary.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**OPTIONS (Cont'd)**  
**1B. Freedom 2.2 Spreader Control In Lieu Of Manual Specifications (Cont'd)**

- These functions are proportional controlled, pulse width modulated, pressure and flow Compensated, with heavy duty 12vdc coils.
- Spreader control “outside the cab” harnessing shall meet ip 68 standards.

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- The modular manifold can operate in either open center (fixed displacement) or Closed center (variable displacement) hydraulic circuits.
- The auger / conveyor must be rated at 15 GPM and features a cartridge valve design for Precision spreading.
- The spinner valve must provide 10 GPM and also feature a cartridge design valve With manual override.
- Pre-wet or anti-ice implements are also available as a 10 GPM hydraulic circuits If necessary.
- These functions are proportional controlled, pulse width modulated, pressure and flow Compensated, with heavy duty 12vdc coils.
- Spreader control “outside the cab” harnessing shall meet IP 68 standards.
- Connections must be Nema x6 standards for dust protection.
- Outside the cab connections shall be rated as Nema “x8” – protected against The effects of permanent submersion in water as well as able to show no corrosion After 500 hours in a 35° salt spray.
- The entire hydraulic system shall be completely serviceable without removing from the Enclosure or disassembling sections



- The electronics and hydraulics shall be manufactured by the same company.
- The hydraulic system shall be pressure and flow tested before the installation process.
- The modular spreader valve manifold will be mounted in a weather resistant enclosure.
- Enclosure shall be vented to reduce moisture and finished with 304 stainless steel.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls**

- The in-cab control system shall be an integrated proportional multi-axis (x, y) (3) joystick Console with circuit panel and spreader control.
- 0 – 5000 gauge
- Dump body hoist, front plow, and wing plow shall be controlled by three individual Joysticks capable of proportionally controlling up to 5 bi-directional valves.
- Dump body lever must have safety trigger protection.
- Controller must include integrated protection and diagnostic systems with safety features Incorporated.
- System must have user settable speed control for all hydraulic functions.
- Unit shall be designed for floor mount pedestal with armrest
- System will integrate with the freedom 2 granular / liquid control systems in The housing
- System must supply pulsed voltage to each individual valve coil.
- All connections inside the valve enclosure shall be ip68 rated.
- All connections will be labeled with appropriate descriptions for each connection To individual solenoids of the hydraulic actuating cylinders.
- System must also have integrated accessory control switches: the system Will include up to six (6) switches and up to six (6) warning indicator lights Mounted in the controller.

Each switch will handle 12v up to 10amp load and can be operated as on/off, Momentary or on/off/on as needed.

Installing dealer must be authorized to preform warranty repairs and periodic Maintenance on certified products.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Reservoir/Valve Enclosure**

Reservoir must be constructed of 7ga stainless steel. Reservoir/valve enclosure must Be 40-gallon capacity with an integrated covered mounting area for the valve. All Plumbing for the hydraulic valve inside the enclosure will be sae rated stainless Steel tubing and terminate on the front of the reservoir with jic bulkhead connectors. The breather cap shall be mounted to an inspection lid. Inspection lid shall also Provide for an in tank mounted return line filter. The filter assembly shall incorporate A 10 micron 50GPM filter element with a 25 psi bypass. The reservoir will include a Twist off filler/breather assembly with 40 micron vent filter and a fill screen. Reservoir Shall be complete with a sight temperature gauge and a magnetic drain plug. Suction port Will allow for installation of a 2" npt 50 GPM suction screen. Suction screen will have A 3 to 5 psi by-pass spring. A 2" full flow ball valve shall be installed in the suction line. Removing of a lid to access the filter and breather cap is not acceptable. The reservoir Shall have a float switch to control PTO operation in the event low oil.

**Freedom 2.2 Spreader Control**

Controller shall have 3 PWM output channels for liquid and granular spreader Controller

The controller shall be a microprocessor type capable of PWM control of three Hydraulic valves.

Controller must be automotive grade for durability. Any gamming type controllers are Unacceptable.

The controller must offer ground speed control from vehicle signal. No gps Antenna can be used for ground speed signal input.

The controller must have three channels to operate an auger/conveyor and Liquid system.

- PWM signal must be adjustable for a wide range of implement functionality.
- The controller shall be capable of ground speed oriented spreading, ground Speed triggered, and manual mode.
- The system will offer a manual mode lock out option.
- The spreader controller will operate in open or closed loop configuration.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Freedom 2.2 Spreader Control (Cont'd)**

- Controller shall offer remote pause, unload mode, liquid float input, test speed, And on-screen error with alarms and message reporting.

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- Sensor short detection with message and alarm.
- System must have 2 auxiliary output channels available.
- AVL data transfer is available with an additional modem.
- System shall offer spinner configurable mph shut off, storm totals on screen or With USB.
- Operator screen offers knobs or touch screen to control granular and liquid outputs.
- There shall be 9 independently programmable feeder outputs channels for actuate lbs. per mile output.
- The spinner shall also offer 9 programmable speeds for the spinner.
- System will maintain up to 4 different granular material types.
- There shall be an integrated blast mode with instant off to stop output if necessary.
- Blast must be programmable for flow rate and material distance.
- Unit shall provide an unload mode at speeds of up to 5 mph.
- A standby (pass) mode shall be provided to allow for momentary interrupt

Of the spreader without changing the feeder/spinner/liquid output.

All programing and calibration shall be accomplished using the touch Screen of the controller.

Detachable key board for programming is **NOT ACCEPTABLE**

**Modular Granular and Liquid Valve**

The central hydraulic valve system shall be a mobile design to withstand exposure To de-icing chemicals and severe weather conditions.

**ITEM # 1 -- MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Modular Granular and Liquid Valve (Cont'd)**

System shall provide hydraulic fluid to operate the dump body hoist, front plow, And granular spreader system.

Hydraulic system can run all hydraulic functions simultaneously without inhibiting The action of the others.

Valve sections shall be of cast iron, horizontally stackable, and serviceable without Disassembly.

Directional control valves shall be pre-compensated, proportional, and load Independent.

Valve system shall be closed center for variable displacement pump.

Valve sections must be adjustable for pressures up to 5000psi and flow ratings Up to 40 GPM. Each valve must be laminar flow design for minimal pressure drop. Where required each section must be able to limit the operating speed for the implement.

Each directional valve section must have a built-in check valve prevents the oil From flowing via the pressure adjustment spool to tank.

There shall be main pressure relieve set at 2400psi to protect against system Over-pressurization.

Hoist section must be a PVG 100, 40 GPM 4-way section for double acting hoist With flow control.

Plow lift and angle sections are also 4-way for double acting cylinders with crossover

- Relief and flow control.
- The hydraulic system shall be pressure and flow tested before the installation.
- Installing dealer must be certified to perform warranty repairs and periodic Maintenance on hydraulic valve sections.
- The spreader manifold must be constructed of 6061 anodized aluminum.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Modular Granular and Liquid Valve (Cont'd)**

Spreader manifold must have an adjustable pressure of up to 3500psi with multiple flow, Pressure, performance, and function configurations.

Each function will be equipped with screw adjustable manual overrides protected By jacketed debris covers.

The spreader manifold can operate in either open center (fixed displacement) or Closed center (variable displacement) hydraulic circuits.

The auger / conveyor must be rated at 15 GPM and features a cartridge valve design for Precision spreading.

The spinner valve must provide 10 GPM and also feature a cartridge design Valve with manual override.

Pre-wet or anti-ice implements are also available as a 10 GPM hydraulic circuits If necessary.

These functions are proportional controlled, pulse width modulated, pressure and flow Compensated, with heavy duty 12vdc coils.

Spreader control "outside the cab" harnessing shall meet ip 68 standards.

Connections must be Nema x6 standards for dust protection.

Outside the cab connections shall be rated as Nema "x8" -- protected against the Effects of permanent submersion in water as well as able to show no corrosion After 500 hours in a 35°c salt spray.

- The entire hydraulic system shall be completely serviceable without removing From the enclosure or disassembling sections.
- The electronics and hydraulics shall be manufactured by the same company.
- The hydraulic system shall be pressure and flow tested before the installation process.
- The modular spreader valve manifold will be mounted in a weather resistant enclosure.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES                      NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Modular Granular and Liquid Valve (Cont'd)**

- Enclosure shall be vented to reduce moisture and finished with black powder coat Or stainless steel.

**Specifications for Patrol Wing - Wing Post**

- Front wing post shall be removable for summer operation

- The front hitch shall be constructed so that the wing post mount will be able to slide in An out to allow the tilt hood to move forward without obstruction for maintenance and Daily fluid checks.

- The front wing post slide function will be accomplished using a hydraulic cylinder Controlled by an in-cab push button and driven by an independent electric hydraulic Pump

**Front Hitch**

- The plow lift hinge shall be flame cut from 3/4" steel plate and shall have a full plate Gusset at the top.

- The plow lift cylinder shall be 4" x 10" double acting and shall have O-ring seals.

- QCP hitch with 2" tapered pin;

- There shall be a 10-gauge break formed bumper extension left side.

**Front Post**

- There shall be provisions for a minimum of 8" of float for the front of the wing.

The cylinder shall have O-ring seals and wipers.

There shall be a 1-1/4" x 12" wing slide to wing hinge pin and a 1-1/4" wing Hinge to wing bolt.

**Arm Wing**

Enables the chassis hood to open for maintenance and regular fluid checks.

**Trip Wing Hinge**

The wing shall be attached to the front wing post with a trip hinge.

The hinge shall be designed to allow the wing to trip and reset automatically

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Trip Wing Hinge (Cont'd)**

When hitting an obstruction.

The reset shall be with a rubber compression not with coil spring.

The hinge shall have two offset hinges to lift the wing as it trips.

**Side Wing Moldboard**

The wing shall be designed for the right side of the truck and shall be heavy duty.

Wing shall have an overall length of 132" and shall have a 120" x 8" 2' cutting edge.

The nose height shall be 32" and the discharge height shall be 39.2"

The cutting edge backer shall be 4" x 6" x 5/8" with gussets and shall be punched to Accept 8" or 3" x 3" x 12" punch cutting edge.

Welded to this backer shall be a minimum of five (5) 3/8" ribs

The leader shall be a minimum of 1" plate steel and shall have two (2) holes to accept A 1 1/4" wing bolt

**Sliding post shall be as follows:**

- Steel support sliding pivot weldment when in operation the Tubes will run from frame rail to frame rail
- Two (2) 1" quick release hitch pins in easy to reach location to lock the pivot Weldment into place during operation mode

- Hydraulic cylinder mounted to the hitch to allow the pivot point to slide Out 12" and allow the hood to open for maintenance
- Slide cylinder will be actuated using an electric hydraulic pump unit mounted in A stainless steel protective box in the frame rails of the chassis behind the cab
- 3" x 12" toe cylinder to allow front edge of plow to raise 12" off the ground

There shall be several places longitudinally at the back of the wing to allow the push Arms to be attached at proper angles.

The steel on the side wing will be sandblasted and primed. The plow shall be painted Orange on the front and black on the back.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1C. Central Hydraulic System (Electric Proportional Plow / Granular Controls Specifications) In Lieu Of Manual Controls (Cont'd)**

**Specifications for Patrol Wing (Cont'd)**

**Rear Wing Post Mount**

The rear post wind mount will be removable for summer paving operation using a bolt On steel plate

The rear post mount shall be as follows:

- ½" plate permanent mounted weldment bolted to the frame with a cross member Under the frame to support channel on driver's side. The frame will not be mounted To the lift axle cross member
- Removable forward portion rear ½" plate mounting weldment bolted to the Permanent section support to allow to forward mount to be removed during the summer
- 4" round torque arm with dampening spring to support rear pf plow board

**1D. Paint for Dump Body**

Paint specified dump body in a single stage paint a single color (i.e. School bus Yellow or other paint color from color chart)

**1E. Road Department Paint Color Scheme**

School bus yellow from the bottom of the windows down, Bahama Blue from the bottom of the windows up to and including cab roof and Back, on hood from bottom of windshield to a pont on the hood to make A "v" and match the road department fleet.

Shall be base coat clear coat



(Note: not all vehicles will be painted this way)

**1F. Spreader Leg Stands**

Main channels to be constructed of 2" x 6" x 7ga tubing

Galvanized tubing is done to ASTM a123 grade 100 – 3.9 mil minimum thickness

Crossmembers to be 3" structural channel

Telescoping rear legs to be constructed of 3 1/2" x 3 1/2" x 3/16" tubing

Adjustable front legs to pivot, constructed of 4" x 4" x 3/16" tubing

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**1F. Spreader Leg Stands (Cont'd)**

4" adjustable steel front roller wheels

Body guide wheels front and rear of stand

**1G. One-Way Plow with QCP**

The one-way plow shall be designed to be heavy duty and shall be of a high Speed design.

It shall have a clearing path of 9' with an 11' 3" cutting edge length including The nose shoe.

The cutting edge shall be 132" x 8" x 2" and shall be replaceable.

The plow shall have a nose height of 29" and a discharge height of 55".

The moldboard shall be manufactured with a 2" x 2" x 1/4" angle leader welded To the 5 - 3/8" ribs and the steel nose plate.

The bottom cutting edge backer shall be 4" x 6" x 5/8" angle with gussets.

This angle shall be punched to allow the use of both 8" and 3"-3"-12" punched Cutting edges.

There shall be a 3" x 3" angle mid-way of the ribs from the discharge end to the Nose end.

- The moldboard shall be roll formed of 10 gauge steel.
- The moldboard shall pin to the push frame with 3 Au≡ shaped connectors.
- Two of the connectors shall have a heavy duty coil spring to allow the moldboard To trip and assist in absorbing road shock.
- The push frame shall have a 4" x 6" x 5/8" plated angle front with two (2) 4" x 4" x 3/8" tubular steel push arms and there shall be three diagonal Braces with in the push arms.
- There shall be a safety chain to prevent the moldboard from tipping over when Adjuster pin is removed.
- The plow shall have two adjustable push frame shoes and two moldboard shoes.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1G. One-Way Plow with QCP (Cont'd)**

- The plow shall be manufactured to accept carbide edges and adjust to 55 degrees To 60 degrees attack angle.
- The entire steel structure will be sandblasted and primed. The plow shall be Painted orange on the front and black on the back.
- Plow shall have QCP loop installed with 2" diameter loop

**1H. Diagnostic Tools / Test Equipment**

Cummins Quickserv Unlimited Service plan, with renewals, shall be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment

1. Successful bidder shall be required to supply between one (1) and three (3) Complete sets of testing/diagnostic/programming equipment (i.e. Laptop, Software, cabling, and adapters) and special tools required to perform the Full range of diagnostic and maintenance actions necessary to maintain Vehicle operability. This equipment will cover the vehicle chassis, engine, Transmission, brakes, hydraulics, and all additional equipment (if applicable)
2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software
3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid
4. All software installations and activations will be completed by the successful bidder at no cost to the county
5. All software updates and renewal will be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment

- 6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the county for a period of five (5) years from the acceptance of the equipment
- 7. Training shall be provided on all items in this section at a specified county location

**✓ 1I. Two-Way Radio Power and Wiring Requirements for New Vehicles**

For the purpose of installing two-way radios into new county vehicles and equipment, The following power and wiring components shall be included:

- #12 AWG red wire connected to 12vdc battery source rated at 20 amps
- #12 AWG black wire connected to chassis ground
- #16 AWG yellow wire connected to 12vdc ignition sense rated at 5 amps

Wires shall be encased in plastic wire loom and routed from their source into the Cab of the vehicle and secured in the vicinity of the operator. Wiring harness shall be Clearly labeled "two-way radio". Wires shall be unterminated. 12vdc sources Shall be protected from making contact with grounded metal surfaces

**✓ ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE  
YES NO

**OPTIONS (Cont'd)**

**✓ 1J. Installation of County Supplied Two Way Radio and Accessories**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc. For the purpose of installing two-way radios into new county vehicles and equipment, The following power and wiring components shall be included:

1. #12 awg red wire connected to 12vdc battery source rated at 20 amps.
2. #12 awg black wire connected to chassis ground.
3. #16 awg yellow wire connected to 12vdc ignition sense rated at 5 amps.

These wires shall be encased in plastic wire loom and routed from their source into The cab of the vehicle. The wiring harness shall be clearly labeled "two-way radio".

The 12vdc sources shall be protected from making contact with grounded metal surfaces.

**✓ 1K. Technical Support**

Technical support is to be provided by factory authorized technical representatives and Is to be the original equipment manufacturer's industry standard technical presentation In a classroom setting. The support provided shall be at the journeyman/equipment technician Level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.

Technical support may be requested in the following areas:

- Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
- Transmission – 1 day at each location
- Electrical – 1 day at each location

- Brakes – 1 day at each location
- Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
- Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/support Hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be Allowed only with consent of vehicle services. The total training hours will be required To be provided and no additional compensation will be considered. The actual time to be Spent on each area will be by mutual agreement of the vehicle services department and The successful bidder.

For the purposes of determining materials and other training costs, class size is Anticipated to be comprised of six (6) to ten (10) vehicle services department personnel. Actual class size will be determined by the vehicle services department at the time the classes are scheduled.

**ITEM # 1 – MODEL YEAR 2023 WESTERN STAR 49X SF SPECIALIZED DUMP TRUCK WITH PLOW AND SPREADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1K: Technical Support (Cont'd)**

Before the training is scheduled, vehicle services and the contractor will agree on the Scope of the training, and the type and quantity of manuals, etc. That are necessary for Proper coverage.

Technical support for vehicle services may be provided at the following fleet Maintenance facility location as scheduled by a vehicle services department Representative:

- Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)
- Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical support for other departments will be held at a location within Ocean County. The requesting department will notify the successful bidder of The location. Training at the successful bidder's site, rather than the designated Locations, will be by mutual consent only. Technical support will be requested And scheduled on an as needed basis up to but not exceeding the 180 hours total During a period not to exceed twelve (12) months from the date of placing the Last unit in service.

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL**

**Manufacturer/Model:** Western Star 49X SF

**Engine:** Cummins X15

**Transmission:** Allison 4700 RDS

**Warranty:** 1 Year Basic and Extended Warranty Per Specs

**Delivery, A.R.O.:** 300 Days

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>MODEL</u></b>		
Set Forward Axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lh Primary Steering Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>GENERAL</u></b>		
Maximum 8% Expected Grade	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Axle Tractor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Axle 16,000 Lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Axle 46,000 Lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Registered GVWR 80,000 Lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ENGINE**

Cummins X15 Performance Series	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14.9 L 912 Cid Minimum 525 HP @ 1900 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gov 1900 Rpm, And 1850 Lb.-Ft. Torque @ 1000 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Must Be In Line 6 Cylinder of Wet Sleeve Design, Utilizing Hardened Cylinder Liners for Durability, And Electronics for Simple Service And Diagnosis When Needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum Displacement Shall Be 14.9 Liters	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Must Comply With Latest Federal Mandate for Diesel Emissions	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 -- MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>ENGINE (Cont'd)</u></b>		
Should An Alternate Power Plant Be Offered, The Bidder Shall Provide All Necessary Technical Data To Show Proof Of Equality, Including Maintenance Schedules	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ENGINE EQUIPMENT**

Engine Shall Have Latest 50 State Clean Idle Diesel Emission Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oil Check and Fill: Engine Mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Intake: Side of Hood Air Intake with Engine Mounted High Capacity Air Cleaner and Passive Precleaner Integrated Into Hood	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alternator: 200 Amp 28si with Remote Battery Volt Sense	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Batteries: Four (4) 12-Volt 740rc Maintenance-Free 4000 CCA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stack Battery Box with Aluminum Cover: Frame Mounted Right Side Aft Of Cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Positive Load Disconnect Control Switch Mounted Outboard Of Driver Seat	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Remote Jump Start Studs Mounted On Frame Next To Starter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Silicone Heater/Radiator Hoses Where Possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Compressor: Cummins 18.7 CFM with Internal Safety Valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Protection: Electronic Engine-Integral Warning System with Shut Down Function	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Brake: Cummins Intebrake Compression Brake With On Off Dash Switch and Low, Med, and High Retardation Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust: Single Right-Hand Under Cab ATD with Bright Finish Upper 11' Dual Curved Vertical Stacks and Elbows Cab Mounted LH & RH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Shields: Stainless Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Drive: Electronically Controlled Variable Speed Viscous Automatic Fan Control with Dash Switch and Indicator Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13 Gallon Diesel Exhaust Fluid Tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>ENGINE EQUIPMENT (Cont'd)</u></b>		
Non-Polished Aluminum Cover for DEF Tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oil Filter: Full-Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator: 1400 Square Inch Server Service Assembly Bolted To Engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator Drain Valve	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator Protection Package	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Piece Fan Shroud and Rear Rock Guard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ethylene Glycol Pre-Charged SCA Heavy Duty Coolant-34F	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coolant Houses: Silicone Heater, Radiator, Where Possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hose Clamps: Constant Tension for Coolant Hoses and Air Intake System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Heater: Phillips 1500w/115v	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chrome Heater Receptacle: Mounted Under Driver's Door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cast Iron Front and Rear Engine Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Starter: Delco 12v 39mt + HD OCP	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**TRANSMISSION AND EQUIPMENT**

Allison RDS 4700 Automatic Transmission with PTO Provision	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Programming For Max Speed of 70 Mph	<input checked="" type="checkbox"/>	<input type="checkbox"/>
S1 Performance Primary Shift Schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1900 Rpm Primary Mode Shift Speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Disable-Load Based Shift Schedule	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission Prognostics-Enabled	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTO Mounting LH Side Of Main Transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water to Oil Transmission Cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>TRANSMISSION AND EQUIPMENT (Cont'd)</u></b>		
Magnetic Plugs, Engine Drain, Transmission Drain, Axle(S) Fill and Drain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Push Button Shift Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic Transmission Fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission Oil Check And Fill With Electronic Oil Level Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**FRONT AXLE AND SUSPENSION**

Detroit Da-F 16.0-5 16,000 Lb. 71.5 KPI/3.74 Drop Front Axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Meritor 16.5x6 Q+ Cast Spider Cam Front Brakes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brakes, Double Anchor, Fabricated Shoe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-Asbestos Front Brake Lining Severe Service	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet Cast Iron Front Brake Drums	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Brake Dust Shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Oil Seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vented Front Hub Caps with window, Center and Side Plugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Synthetic 75W-90 Front Axles Lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Haldex Automatic Front Slack Adjusters with Stainless Steel Clevis Pins	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix Single High Capacity 14.6-18k Steering Gear	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power Steering Oil/Air Cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16,000# Taper Leaf Front Suspension	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 Quart Power Steering Reservoir	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Threaded Springs Pins and Bushings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Shock Absorbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**REAR AXLE AND SUSPENSION**

Meritor Rt-46-164p Tandem Rear at 46,000 Lbs.

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**REAR AXLE AND SUSPENSION (Cont'd)**

Iron Rear Axle Carrier Housing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPL250HD XL Dana Spicer Main Driveline with Half Round Yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPL170 XL Dana Spicer Interaxle Driveline with Half Round Yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver Control Differential Lockout Both Rear Axles, Indicator Light For Traction Device	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic 75W-90W All Axles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Meritor 16.5 X 8.62" Cast Spider Cam Double Anchor Fabricated Shoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-Asbestos Rear Brake Lining	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet Cast Iron Rear Brake Drums	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Brake Dust Shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Haldex Automatic Rear Slack Adjusters W/Stainless Steel Clevis Pins	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Oil Seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix Eversure Longstroke 2-Drive Axle Spring Heavy Duty 30/36	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Parking Brake Chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forward Of Axle Mounted Parking Chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard Spindle Nuts For All Axles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
46000# Tufrac Suspension Rubber Isolated Pivit Points Parabolic Taper Leaf Springs Rubber Elastomer Bushings Maintenance Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
56" Axle Spacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fore/Aft and Transverse Control Rods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Shock Absorbers – Two Axles	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**BRAKE SYSTEM EQUIPMENT**

Wabco 4S/4M ABSs With Traction Control And Off-Road Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>BRAKE SYSTEM EQUIPMENT (Cont'd)</u></b>		
Reinforced Nylon, Fabric Braid And Wire Braid Chassis Air Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix Brake Valves Where Possible	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Relay Valve With 5.5 Psi Crack Pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bendix Ad-9 Air Dryer- Frame Mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aluminum Air Brake Reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab Blow Out Kit With Nozzle Inside LH Cab Entry Door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dv-2 Auto Drain Valve With Heat To Wet Tank, Pull Cables On All Other Air Reservoirs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hand Control Valve For Trailer Brakes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>FRAME AND WHEELBASE</u></b>		
220" Wheelbase with 130" C/T	<input checked="" type="checkbox"/>	<input type="checkbox"/>
.51 X 3-.43 X 10-3/4 Steel Frame 120 KSI 26.81 Sm 3,216,626 RBM Single Channel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Splayed Frame Rails Front of Chassis, No Inner or Outer Frame Reinforcements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Phosphate Coated Frame Bolts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tapered Rear End of Frame For Plate Mount	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Ductile Iron Engine Crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Back Of transmission Crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Steel Midship #1 Crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tractor Steel C-Channel Crossmember With 3.5" King Pin Clearance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard Weight Rear Mounted Suspension Crossmember	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**CHASSIS EQUIPMENT**

Connector Powered Through Ignition Mounted End Of Frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5/16" Bright Steel Bumper With Center Tow Pin	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>CHASSIS EQUIPMENT (Cont'd)</u></b>		
Fender Mounted Front Mud Flaps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH Back Of Cab Access	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fine Threaded Hex Chassis Fasteners Phosphate Coated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Piping and Electrical Independently Clipped To Frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7-Way Round Trailer Plug	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Holland Fw35 ILS Air Slide 5 <sup>th</sup> Wheel W/Left Hand Release	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tractor Access Package Including Step Provided For Back Of Cab Access And Deck Plate Between Frame Rails. Step And Hand Rail On Driver's Side.		
A Hydraulic Hose Hanger Shall Be Installed In A Way That Allows The Hydraulic Hoses To Be Safely Coiled While Not In Use. There Shall Be Dummy Hydraulic End Couplers Installed Where The End Fittings Of The Hydraulic Hoses Can Plug Into After Coiling; This Will Prevent Damage To The Fittings And Hoses As Well As Protect From Contamination.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>FUEL TANKS AND EQUIPMENT</u></b>		
Single LH 150 Gallon Fuel Tank With Steps W/60 Gallon RH Hydraulic Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>

LH Fuel Tank Mounted Forward	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25" Diameter Fuel Tank(S)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aluminum Fuel Tank Bracket(S)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plain Aluminum Fuel Tank With Polished Stainless Bands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alliance Fuel/Water Separator With Heated Bowl And Indicator Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inboard Fuel System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
High Temperature Reinforced Nylon Fuel Hose	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No Fuel Cooler	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In Tank Fuel Lever Sender	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b>COMPLIANCE</b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>FRONT TIRES, HUBS, AND WHEELS</u></b>		
Michelin XZE 12R X 22.5 16 Ply	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet Iron Front Hubs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuride 28828 Inset 2 Hand 22.5 X 8.25 10-Hub Pilot Disc Front Wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>REAR DRIVE TIRES, HUBS, AND WHEELS</u></b>		
Michelin Xds2 11r 22.5 16 Ply Rear Drive Axle Tires	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conmet Iron Rear Hubs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuride 28828 2 Hand 22.5 X 8.25 10 Hub Pilot Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steel Disc Rear Wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nylon Wheel Guards Front And Rear All Interfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wheel-Check High Visibility Green Loose Wheel Nut Indicator On All Wheels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>CAB EXTERIOR</u></b>		
121" BBC Conventional Steel Reinforced Aluminum Cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Galvanized E Coated Sealed Steel Door Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forged Steel Door Hinges With Steel Reinforced "A" Pillar	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-Removable Bug Screen Mounted Behind Grille	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Cab Mounts Outboard Of Frame For Stability Or When Taking Off And Applying Torque From Engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bolt On Molded Fender Extensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH/RH Exterior Grab Handles With Rubber Insert And RH Interior Grab Handle Mounted To Reinforced 'A' Post	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless Steel Radiator Mounted Grille	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless Steel Radiator Shell/Hood Bezel With Tilt Hood Handle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Molded Resin Hood With Isolated Hood Suspension Mounting System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hood Opening Strut Assist With safety Lock	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB EXTERIOR (Cont'd)**

Two (2) Hadley Sd-978 26" Air Horns	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Single Electric Horn	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Horn Shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Locks Keyed With the Same 6 Keys	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dual Stage Headlights 45 Degree Pattern with Heated Lens System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aerodynamic Led Marker Lights In Stainless Steel Visor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Individual LED Stop/Tail/Turn/Backup Lights Flush Mounted End Of Frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Led Rear Facing Turn Signal Lamps In Convex Mirror Lens In Addition To Standard Front Turn Signal Lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dual-Bar Mirror System Bright Finish C-Bar, Heated Mirrors, Dual Remote, Turn Signal indicators, Stainless Steel Back Cover With Integral	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door Mounted Mirrors, Switches on Door Panels	<input checked="" type="checkbox"/>	<input type="checkbox"/>

102" Equipment Width	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH/RH Integral Convex Mirrors, Bright Finish Stainless Steel Exterior Sun Visor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH/RH Heated Hood Mounted Side View Mirrors, Black Finish	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) Piece Solar Tinted Impact Resistant Polycarbonate Rear Window Configuration (1) 31x20" (2) 9x20"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tinted Door Glass LH & RH Tinted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lower Right Hand Door Window with Fresnel Lens	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electric Door Window Regulators	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) Piece Tinted Roped In Full Grid Heated Windshield	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) Gallon Windshield Washer Reservoir With Fluid Level Indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 - MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>CAB INTERIOR</u></b>		
Gray Vinyl Premium Interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Black Mats With Added Floor Heat Noise Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12 Volt Power Supply In Dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forward Roof Mounted Console	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Pockets Integrated Into Door Panel, Left And Right Doors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coat Hook(S) Cab Backwall	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wraparound Wing Dash With Six (6) Digital Gauges In Driver Command Center And Up To Thirteen (13) Gauges On The Dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Lb Fire Extinguisher, Mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heater, Defroster, And Air Conditioner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brushless Blower Motor With Ten (10) Blower Speeds	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Standard Heater Plumbing With Ball Shutoff Valves At Supply Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Air Conditioner Compressor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator Mounted A/C Condenser	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Binary Control, R-134a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Premium Cab Insulation with Additional Noise/Thermal Treatment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Centralized Logic Controllers in Main Dash Electrical Panels, Houses Onboard ECU, and Ten (10) Programmable Modules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Multiplexed Electrical System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Premium Led Cab Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Color Coded And Laser Etched Wiring	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door Activated Led Lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab Door Latches With Electric Door Locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 = MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**CAB INTERIOR (Cont'd)**

Triangular Reflectors Without Flares	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Elite Heated High Back Air Suspension Driver And Passenger Seats With 3 Chamber Air Lumbar Support, Integrated Cushion Extension, Forward And Rear Cushion Tilt With Adjustable Shock Absorber Inboard And Outboard Driver And Passenger Arm Rests	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grey Mordura Cloth Driver And Passenger Seat Cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Point Driver And Passenger Seat Belts With Seat Belt Retractor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adjustable Tilt Steering Column	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18" Steering Wheel With Multi-Function Integrated Controls With Chrome Switch Bezels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver/Passenger Interior Sun Visors	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**INSTRUMENT PANELS AND CONTROLS**

Wrap Around Dash That Allows Up To 13 Gauges And Driver Command Center With Up To 6 Digital Gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Teak Accent Surround With Round Gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Low Air Pressure Light And Buzzer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary And Secondary Air Pressure Gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dash Mounted Air Restriction Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
87 Db To 112 Db Self-Adjusting Backup Alarm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic Stability Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic Cruise Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Warning Light Bar Display Mounted In Teak Finish	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Instrument Cluster Gauges With Bright Bezels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Data Star Driver Display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy Duty Onboard Diagnostic Interface Connector, 9 Pin, SAE J1587/ 1708/1936, Located Below Dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>INSTRUMENT PANELS AND CONTROLS (Cont'd)</u></b>		
Electric Fuel Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical Engine Coolant Temperature Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission Oil Temperature Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine And Trip Hour Meters Integral Within Driver Display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Oil Pressure Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM/FM WB Stereo Radio with Bluetooth iPod Interface	<input checked="" type="checkbox"/>	<input type="checkbox"/>
USB and Auxiliary Inputs, J1939	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two (2) Radio Speakers (Cab Only)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Headliner Multi-Band Antenna AM/FM/WB, Wi-Fi, Bluetooth/GNSS/GPS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic Outside Temperature Sensor, Engine Trip And PTO Hour Meter Display in Driver Command Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>



PTO Switch Dash Mounted With Indicator Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24" Wiper Blades	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electric Windshield Wiper Motor With Delay	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rotary Headlamp Switch, Marker Lights/Headlights Switch With Pull Out For Optional Road Lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Switch Indicator Light and 10' Of Wire On Chassis LH Back Of Cab for Customer Furnished Utility Lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Two-Valve Parking Brake System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Self-Cancelling Turn Signal Switch With Dimmer Head Light Flash Wash/ Wipe/ Intermittent	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ACCESSORIES TO BE INCLUDED**

One (1) Complete Set of Filters For Cab/Chassis, Drive Train And Upfit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Gallons of Recommended-Use Hydraulic Fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) spare front wheel and tire and one (1) spare rear wheel and tire	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**PAINT**

Paint shall be designated on the Purchase Order and shall be one of the available options listed under Options.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**UNDERCOATING**

Entire Truck Chassis, Underside Of Cab And Underside Of Added Body, Oil Pan (Dump, Utility, Platform) To Be Coated With Tectyl 2423 Haps Free Black Which Is Low Voc, High Solids, Emulsion Corrosion Preventative Coating, or Equal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**PROTECT CLASS-8 CAB RACKS**

68" X 80" Deluxe Cab Rack With:		
• Window		
• Two Chain Hangers		
• Two Chain Trays		
• One Tool Box	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6061 Al Bars In Window	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Weld Residue Is Removed And Welds Polished	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Two (2) 14-Position Locking Chain Hangers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Locking Center-Mount Toolbox	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Extruded I-Beam Uprights And Legs Form The Support Structure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Structural Panels Are 5052 Marine Grade Aluminum And Are Resistant To Corrosion especially Salt-Water Atmosphere	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Robust, Durable Continuous Welds Join The Structural Rib Aluminum Panel To Protech Hept-Tubes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stop/Tail/Turn, Oval LED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>PROTECH STORAGE BOX</u></b>		
Aluminum Step Box with .105 Diamond Plate Aluminum Lid Mounted On	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Curbside Location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grip Strut Steps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Neoprene Bulb Style Seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless Steel Locking T-Latches	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>PROTECH STORAGE BOX (Cont'd)</u></b>		
Internal Mounting Brackets	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dimensions: 25"H X 28"D X 36"W	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Polished Aluminum (20-2460s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Polished Aluminum Lid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wide Mouth Opening (20-2460w)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Continuous Seam Mig Welds On Stress Panels, Such As The Box Floor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Full-Length Stainless Steel Piano Hinges On Doors And Lids	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>INSTALLED EQUIPMENT BEHIND HEADACHE RACK</u></b>		
40" Chrome Plating Pogo Stick With D-Ring	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Airlines For Low Boy To Be Attached To Pogo Stick	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7 Way Trailer Plug Also Attached To Pogo Stick	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- All Lines Must Be Long Enough To Reach Low Boy Trailer
- Bulkhead Bracket To Accommodate Airlines And 7 Way Trailer Plug For
- Safe Storage When Trailer Is Not In Use

**WHELEN TL12F**

- 12 Vdc Split Amber/White Surface Mount Lighthouse With 33 Scan-Lock

Flash Patterns:

- Two In The Grill
- Two On The Side
- Two In The Rear
- Lights To Operate Off Cab Switches

**FRONT FENDERS**

- Quarter Front Fenders shall Be Made From Stainless Steel
- Brackets shall Be Made Out Of Stainless Steel

**REAR MUD FLAPS**

- Rear Mud Flap With Removable Bracket B83

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**HYDRAULIC SPECIFICATIONS FOR LOWBOY SPECIALTY EQUIPMENT TRAILER**

- See Options*

**WARRANTY FOR A 2022 WESTERN STAR 4900 SF OR APPROVED EQUAL**

- Western Star Severe Service
- Basic Vehicle - 1 Year, 50,000 Miles
- Battery - 1 Year, 50,000 Miles
- Brightwork – 6 Months, Unlimited
- Cab Corrosion/Perforation – 5 Years, Unlimited
- Cab Structure – 1 Year, 100,000 Miles
- Corrosion – 6 Months, Unlimited
- Crossmembers – 3 Years, 300,000 Miles
- Diesel Emission 2010 – 5 Years, 100,000 Miles

GHG/17 (Medium Heavy Duty To Heavy Duty Trucks/Tractors) – 5 Years, 100,000 Miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GHG14/17 Tire (File Direct) – 2 Years, 24,000 Miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame Rails – 3 Years, 300,000	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front/Steer Axle: Detroit – 1 Year, Unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front/Steer Axle 1 Year, 100,000 Miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint – 1 Year, 50,000 Miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint, Chassis – 6 Months, Unlimited	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Axle: 1 Year, 100,000 Miles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Towing For Warranty Repair – 5 Years Unlimited Mileage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cummins 5 Year 100,000 Mile Engine And ATS Warranty	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>WARRANTY FOR A 2022 WESTERN STAR 4900 SF OR APPROVED EQUAL (Cont'd)</u></b>		
Cummins Protection Plan I:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>• Internal Components, Major Engine Systems And Major Components</li> <li>• Registered Parts And Labor</li> <li>• Covers All These Components Including Mounting Hardware And Gaskets: Cylinder Head Assembly, Cylinder Block Assembly, Rocker Level Assembly, Ecm, Piston, Rings And Liners; Lube Oil Cooler Assembly, Front Gear Cover, Oil Pan, Connecting Rod Assembly, Front Gear Cover, Oil Pan, Connecting Rod Assembly, Lube Pump Assembly, Camshaft And Bushings; Cam Follower Assemblies, Crank Shaft Assemblies, Egr Cooler, Valve And Mixer; Fuel Injectors (Excluding Aftertreatment Injector), Turbo, Water Pump, Fuel Pump, Air Compressor, Select Engine Sensors And Flywheel.</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Allison 5 Year Unlimited Miles Transmission Warranty	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**OPTIONS**

**2A. Road Department Options (Shall Consist of all of the following items)**

**Brake System Equipment**

Air Connections at Back of Truck Glad Hands

**Frame and Wheelbase**

Square End of Frame with 58" Overhang

**Front Tires, Hubs, and Wheels**

Michelin Xze 11r X 24.5 16 Ply

Conmet Iron Front Hubs

Accuride 28827 Inset 2 Hand 24.5 X 8.25 10-Hub Pilot Disc Front Wheels Black

**Rear Drive Tires, Hubs, and Wheels**

Michelin Xds2 11r 24.5 16 Ply Rear Drive Axle Tires

Conmet Iron Rear Hubs

Accuride 28827 2 Hand 24.5 X 8.25 10 Hub Pilot Steel

Steel Disc Rear Wheels Black

Nylon Wheel Guards Front And Rear All Interfaces

**✓ ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**OPTIONS**

**✓ 2A. Road Department Options (Shall consist of all of the following items) (Cont'd)**

**Rear Drive Tires, Hubs, and Wheels (Cont'd)**

Wheel-Check High Visibility Green Loose Wheel Nut Indicator On All Wheels

**One (1) Spare Front and (1) Spare Rear Tire with Black Rims**

**Road Department Paint Color Scheme**

School bus yellow from the bottom of the windows down, Bahama Blue from the bottom of the windows up to and including cab roof and Back, on hood from bottom of windshield to a point on the hood to make A "v" and match the road department fleet.

Shall be base coat clear coat

(Note: not all vehicles will be painted this way)

**Whelen Led Liberty II Solo IX 54" Light Bar**

Light Bar Led Liberty II Solo IX 54", All Modules Filled With Amber LED

- Alley Lights And Takedowns Are To Be White
- Whelen Controller
- Brackets For Mounting On Safety Back Rack
- Lightbar Flush With Top Of Cab

**32 Inch 16,200 Lumen Led Clear Combination Spot-Flood Light Bar**

Mounted On Top Crossmember Of The Headache Rack Facing Downward

Flash Patterns

Rated Ip67 For Dust And Water Resistance

Height 4.89"

Lead Length 52"

Lens Shape Round

**ITEM #2 - MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**  
**2A. Road Department Options (Shall Consist of all of the following items) (Cont'd)**

**30 Ton Heavy-Duty Swivel Type Pintle Hook**

Color: Black

Finish: Powder Coated

Material: Forged Steel

Pintle Hook Type: Swivel

Drawbar Eye Inner Diameter: 3.00

Maximum Gross Trailer Weight: 60000 Lb

Maximum Vertical Load: 12000 Lb

The Height Of The Inside Body Of The Pintle To Be 28 Inches

1 Inch Pull Plate Mounted On Rear Of Tractor For Hitch Glad Hands Mounted On Side Of Frame Rail

7 Way Trailer Plug Round

**Wide Load Sign**

Mounted To Front Bumper With A Stainless Steel Hinge

Sign To Be 12" X 92"

Sign Backing To Be Made Of Alupalite Material

Reflective Material To Be Orafol Oralite 5600 5 Mil

Sign To Be Hinged In The Middle And Pinned To Curbside When Closed

**Hydraulic Specifications for Lowboy Specialty Equipment Trailer**

Fixed Displacement Pump With Hotshift PTO: The Hydraulic Pump

Shall Be A Parker P-20, Fixed Displacement With 2.0" Gear.

Minimum Pump Displacement Is 3.9 Cid Maximum Pressure 3000psi.

Pressure Line Shall Have An In-Line Relief To Protect Against Over Pressurization.

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**2A. Road Department Options (Shall Consist of all of the following items) (Cont'd)**

**Hydraulic Specifications for Lowboy Specialty Equipment Trailer (Cont'd)**

Pump Shall Be Bi-Rotational Or Uni-Rotational Design.

Hydraulic Pump Must Be Self-Lubricating.

Pump Shaft Shall Have 1 Inch With 15 T-Spline.

Pump Shall Be PTO Mount With 2 Or 4 Bolt B-Flange.

Pump Must Mount Directly To A Chelsea "Hot Shift" PTO On Allison 3000 And 4000 Series Transmissions Without Requiring Bent Axis Or External Mounting Hardware

Pump Must Be Rear Ported.

Installer Must Be Authorized To Preform Warranty Repairs If Required. Such authorization shall be provided with bid submission.

Hydraulic Pump Shall Be A Parker Model P-20 Or Equal.

PTO To Be Activated By On/Off Switch In The Cab

**Reservoir And Filter:**

Reservoir Shall Be A Chassis Mounted With 60 Gallon Capacity.

The Return Line Shall Have A 25 Micron Return Filter Rated at 45-50 GPM Per Minute.

Hydraulic Quick Connects To Be Pioneer 4110-5 Male And Pioneer 4150-5 Female On Trailer End And 1" Quick Disconnects On Opposite End For Ease Of Storage

Hoses Are To Be 3/4 Inch, 11 Foot Long

2" Ball Valve Mounted On Hydraulic Tank For Suction Line Going To The Hydrualic Pump

All Hydraulic Hoses shall have a Blind Side Quick Disconnect Mounted on Headache Rack for Safe Storage

**ITEM #2 - MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**2B. Solid Waste Options (Shall consist of all of the following items)**

**Frame and Wheelbase**

Tapered Rear End Of Frame For Plate Mount

**Front Tires, Hubs, And Wheels**

Michelin XZE 12r X 22.5 16 Ply

Conmet Iron Front Hubs

Accuride 28828 Inset 2 Hand 22.5 X 8.25 10-Hub Pilot Disc Front Wheels White

**Rear Drive Tires, Hubs, And Wheels**

Michelin Xds2 11r 22.5 16 Ply Rear Drive Axle Tires

Conmet Iron Rear Hubs

Accuride 28828 2 Hand 22.5 X 8.25 10 Hub Pilot Steel

Steel Disc Rear Wheels White

Nylon Wheel Guards Front And Rear All Interfaces



Wheel-Check High Visibility Green Loose Wheel Nut Indicator On All Wheels

**One (1) Spare Front and One (1) Spare Rear Tire with White Rims**

**Paint**

Chassis to Be Painted Chestnut Elite. Paint Code: 00751963EY

**Equipment to Be Installed Behind Headache Rack**

150 Amp Master Tarp Disconnect Switch Inside Cab

Waterproof 150 Amp Reset Breaker In Battery Box

Tarp Cable Connector Model # 3BY23 or equal

One Tarp Cable Connector Mounted To Bulkhead For Tarp Cable Storage

**Hydraulic Specifications For Walking Floor Trailer And Lowboy Specialty Equipment Trailer**

Fixed Displacement Pump With Hot Shift PTO.

The Hydraulic Pump Shall Be A Parker P-350, Fixed Displacement With 2.0" Gear.

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

**2B. Solid Waste Options (Shall consist of all of the following items) (Cont'd)**

**Hydraulic Specifications For Walking Floor Trailer And Lowboy Specialty Equipment Trailer (Cont'd)**

Minimum Pump Displacement Is 5.11 Cid.

Pump Shall Supply 25 To 30 GPM's At 1200 Rpm's.

Pump Shall Be Bi-Rotational Or Uni-Rotational Design.

Hydraulic Pump Must Be Self-Lubricating.

Pump Shaft Shall Have 1 Inch With 15 T-Spline.

Pump Shall Be PTO Mount With 2 Or 4 Bolt B-Flange.

Pump Must Mount Directly To A Chelsea "Hot Shift" PTO On Allison 3000 And 4000 Series Transmissions Without Requiring Bent Axis Or External Mounting Hardware

Pump Must Be Rear Ported.

Installer Must Be Authorized To Preform Warranty Repairs If Required. Such authorization shall be included with bid submission.

Hydraulic Pump Shall Be A Parker Model P350 Or Equal.

**Parker DVG 20 Proportional Valve Group:**

The Central Hydraulic Valve System Shall Be A Mobile Design To Withstand Exposure To De-Icing Chemicals And Severe Weather Conditions.

The System Shall Provide Hydraulic Oil To Operate A Walking Floor Trailer And Lowboy Special Equipment Trailer.

The Spool Valve Sections Shall Be Of Cast Iron Construction, Horizontally Stackable And Serviceable Without Disassembly.

The Directional Control Valves Shall Be Cable Actuated.

Valve Sections Must Be Adjustable For Pressures Up To 3500 Psi And Flow Ratings Up To 25 To 30 GPM.

Where Required Each Section Must Be Able To Limit The Operating Pressure With Adjustable Relief.

Each Directional Valve Section Must Have A Built-In Check Valve Prevents The Oil From Flowing Back To Tank. Each Section Must Have A Manual

**ITEM #2 - MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**      **NO**

**OPTIONS (Cont'd)**

**2B. Solid Waste Options (Shall consist of all of the following items) (Cont'd)**

**Parker DVG 20 Proportional Valve Group (Cont'd)**

Over-Ride With Lever Included.

Valves Must Mount With All The Work Ports Facing Up.

There Shall Be Main Pressure Relieve Set At 3500psi To Protect Against System Over-Pressurization.

The Walking Floor Section Shall Supply 35 GPM At 2900psi.

The Lowboy Section Shall Supply For The Walking Floor Trailer 10 GPM At 1500psi

**Parker Valve Actuation With Push Pull Cable Controls**

Controls Levers Shall Be Single Axis Cable Actuation With Return To Center For Safety.

There Shall Be A Combination Of Single Axis De-Tented Levers Stacked Together For Operation Of The Walking Floor And Lowboy Trailer.

Cable Core Shall Be Nylon Covered Stainless Steel Capable Of 100lb Of Push / Pull.

Cable To Valve Connection Shall Be Clevis Ends With Mounting Bracket And Single Nut Adjustment With Locking Nut.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Controllers Shall Be Mounted In Cab Inside A Totally Enclosed Single Tower.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Reservoir And Filter</u></b>		
Reservoir Shall Be A Chassis Mounted With 60 Gallon Capacity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Return Line Shall Have A 25 Micron Return Filter Rated At 45-50 GPM Per Minute.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydraulic Quick Connects To Be G95111-1616 Gates And G95121-1616 Gates	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Extra Set Mounted To Bulkead For Hose Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hoses Are To Be 3/4 Inch, 11 Foot Long	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All Hydraulic Hoses Are To Have A Blind Side Quick Disconnect Mounted On Headache Rach For Safe Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2" Ball Valve Mounted On Hydraulic Tank For Suction Line Going To The Hydrualic Pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**2B. Solid Waste Options (Shall consist of all of the following items) (Cont'd)**

**Reservoir And Filter**

A Relief Valve Will Be Installed To Prevent System From Over Presurizing When Hoses Are Not Hooked Up	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**2C. Diagnostic Tools / Test Equipment**

Cummins Quickserv Unlimited Service plan, with renewals, shall be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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1. Successful bidder shall be required to supply between one (1) and three (3) Complete sets of testing/diagnostic/programming equipment (i.e. Laptop, Software, cabling, and adapters) and special tools required to perform the Full range of diagnostic and maintenance actions necessary to maintain Vehicle operability. This equipment will cover the vehicle chassis, engine, Transmission, brakes, hydraulics, and all additional equipment (if applicable)
2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software
3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid
4. All software installations and activations will be completed by the successful bidder at no cost to the county

- 5. All software updates and renewal will be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment
- 6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the county for a period of five (5) years from the acceptance of the equipment
- 7. Training shall be provided on all items in this section at a specified county location

**✓ 2D. Two-Way Radio Power and Wiring Requirements for New Vehicles**

For the purpose of installing two-way radios into new county vehicles and equipment, The following power and wiring components shall be included:

- #12 AWG red wire connected to 12vdc battery source rated at 20 amps
- #12 AWG black wire connected to chassis ground
- #16 AWG yellow wire connected to 12vdc ignition sense rated at 5 amps

Wires shall be encased in plastic wire loom and routed from their source into the Cab of the vehicle and secured in the vicinity of the operator. Wiring harness shall be Clearly labeled "two-way radio". Wires shall be unterminated. 12vdc sources Shall be protected from making contact with grounded metal surfaces

**✓ ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES                      NO**

**OPTIONS (Cont'd)**

**✓ 2E. Installation of County Supplied Two Way Radio and Accessories**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc.

For the purpose of installing two-way radios into new county vehicles and equipment, The following power and wiring components shall be included:

- 1. #12 awg red wire connected to 12vdc battery source rated at 20 amps.
- 2. #12 awg black wire connected to chassis ground.
- 3. #16 awg yellow wire connected to 12vdc ignition sense rated at 5 amps.

These wires shall be encased in plastic wire loom and routed from their source into The cab of the vehicle. The wiring harness shall be clearly labeled "two-way radio".

The 12vdc sources shall be protected from making contact with grounded metal surfaces.

**✓ 2F. Technical Support**

Technical support is to be provided by factory authorized technical representatives and Is to be the original equipment manufacturer's industry standard technical presentation In a classroom setting. The support provided shall be at the journeyman/equipment technician Level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.

Technical support may be requested in the following areas:

- Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
- Transmission – 1 day at each location
- Electrical – 1 day at each location
- Brakes – 1 day at each location
- Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
- Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/support Hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be Allowed only with consent of vehicle services. The total training hours will be required To be provided and no additional compensation will be considered. The actual time to be Spent on each area will be by mutual agreement of the vehicle services department and The successful bidder.

For the purposes of determining materials and other training costs, class size is Anticipated to be comprised of six (6) to ten (10) vehicle services department personnel. Actual class size will be determined by the vehicle services department at the time the classes are scheduled.

**ITEM #2 – MODEL YEAR 2023, OR NEWER, SPECIALIZED WESTERN STAR 49X TRACTOR, AS SPECIFIED, OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES** **NO**

**OPTIONS (Cont'd)**

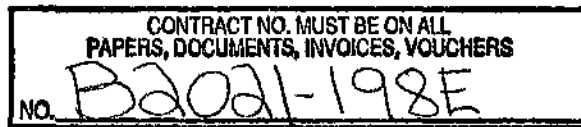
**2F. Technical Support (Cont'd)**

Before the training is scheduled, vehicle services and the contractor will agree on the Scope of the training, and the type and quantity of manuals, etc. That are necessary for Proper coverage.

Technical support for vehicle services may be provided at the following fleet Maintenance facility location as scheduled by a vehicle services department Representative:

- Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)
- Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical support for other departments will be held at a location within Ocean County. The requesting department will notify the successful bidder of The location. Training at the successful bidder's site, rather than the designated Locations, will be by mutual consent only. Technical support will be requested And scheduled on an as needed basis up to but not exceeding the 180 hours total During a period not to exceed twelve (12) months from the date of placing the Last unit in service.



RESOLUTION

November 17, 2021

WHEREAS, on November 4, 2021, pursuant to legal advertisements therefor, sealed bids were received for the RECONSTRUCTION AND RESURFACING OF PORTIONS OF CERTAIN COUNTY ROADS, CONTRACT 2019C, NO. II, County of Ocean, State of New Jersey, in accordance with plans and specifications prepared by the County Engineer and approved by the Ocean County Board of Commissioners; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Black Rock Enterprises, LLC  
1316 Englishtown Road  
Old Bridge, NJ 08857  
(732) 967-6400

C.J. Hesse, Inc.  
25 First Avenue  
Atlantic Highlands, NJ 07716  
(732) 291-8100

Name and Address of Bidder

Earle Asphalt Company  
PO Box 556  
Farmingdale, NJ 07727  
(732) 308-1113

; and

WHEREAS, after receipt and examination of same, the County Purchasing Agent referred all bids to the County Engineer for study and recommendation to the Board; and

WHEREAS, the County Engineer has now recommended to this Board that the lowest qualified bid namely that of BLACK ROCK ENTERPRISES, LLC, be accepted for the RECONSTRUCTION AND RESURFACING OF PORTIONS OF CERTAIN COUNTY ROADS, CONTRACT 2019C, NO. II, County of Ocean, State of New Jersey.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract with Black Rock Enterprises, LLC, accepting their low bid in the amount of \$2,680,000.00 for the RECONSTRUCTION AND RESURFACING OF PORTIONS OF CERTAIN COUNTY ROADS, CONTRACT 2019C, NO. II, County of Ocean, State of New Jersey, in accordance with plans and specifications prepared by the County Engineer. All work under this Contract shall be completed within **One Hundred Thirty (130)** calendar days.

2. The Department of Finance has certified that funds are available in Account No. 210-185-0060 in the amount of \$3,850.00; Account No. 304-185-C904 in the amount of \$1,171,244.56 and Account No. 420-185-X108 in the amount of \$1,504,905.44 to cover this contract and the amount of the contract shall be encumbered against the said Appropriations. **Award of this project is contingent upon the N.J.D.O.T Commissioner's approval.**

3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-198E.

4. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to each of the following:

- a. County Auditor;
- b. County Department of Purchasing;
- c. Department of Finance;
- d. County Engineer who shall see that the successful bidder enters into a proper contract for the faithful performance of their bid and that said contract is duly filed with the Clerk of this Board, who shall see that the successful bidder furnishes to the County of Ocean a properly executed surety company bond for the faithful performance of their contract.

CONTRACT NO. MUST BE ON ALL  
PAPERS, DOCUMENTS, INVOICES, VOUCHERS  
NO. B2021-199E

RESOLUTION

November 17, 2021

WHEREAS, on November 4, 2021, pursuant to legal advertisements therefor, sealed bids were received for the STORMWATER MANAGEMENT SOUTH HOPE CHAPEL ROAD DRAINAGE IMPROVEMENTS, JACKSON TOWNSHIP, State of New Jersey; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

Earle Asphalt Company  
PO Box 556  
Farmingdale, NJ 07727  
(732) 308-1113

Underground Utilities Corp.  
711 Commerce Road  
Linden, NJ 07036  
(908) 862-8936

A to Z Site Contractors, Inc.  
50 Houston Ave.  
Jackson, NJ 08527  
(732) 886-8000

Marbro, Inc.  
PO Box 134, 127 Pine Street  
Montclair, NJ 07042-0134  
(973) 744-8383

Seacoast Construction, Inc.  
15 Addington Court  
East Brunswick, NJ 08816  
(732) 238-6963

Name and Address of Bidder

James R. Ientile, Inc.  
28 Vanderburg Rd.  
Marlboro, NJ 07746  
(732) 303-0637

D'Avellino Construction, Inc.  
62 Court St., Suite 2  
Freehold, NJ 07728  
(732) 462-2500

Lima Charlie Construction  
1 Broad Street, Suite 4  
Freehold, NJ 07728  
(833) 242-2427

Onorati Construction Co., Inc.  
111 Cornelia Street  
Boonton, NJ 07005  
(973) 334-0210

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has referred all bids to the County Engineer for study and recommendation to the Board; and

WHEREAS, the County Engineer has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, EARLE ASPHALT COMPANY, be accepted for the Stormwater Management South Hope Chapel Road Drainage Improvements, Jackson Township, State of New Jersey.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:



1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract with EARLE ASPHALT COMPANY, accepting their bid in the total amount of \$346,113.13 for Stormwater Management South Hope Chapel Road Drainage Improvements, Jackson Township, State of New Jersey, in accordance with plans and specifications prepared by the County Engineer. All work under this Contract shall be completed within **ninety (90)** calendar days.

2. The Department of Finance has certified that funds are available in Account No. 210-185-0060 in the amount of \$23,500.00 and Account No. 301-185-X102 in the amount of \$322,613.13 to cover this contract and the amount of the contract shall be encumbered against the said Appropriations.

3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2021-199E.

4. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to each of the following:

- a. County Auditor;
- b. County Department of Purchasing;
- c. Department of Finance; and
- d. County Engineer who shall see that the successful bidder enters into a proper contract for the faithful performance of their bid and that said contract is duly filed with the Clerk of this Board; and who shall see that the successful bidder furnishes to the County of Ocean a properly executed surety company bond for the faithful performance of their contract.

RESOLUTION

November 17, 2021

WHEREAS, on October 26, 2021, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLE: LOADER for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidders:

<u>Name and Address of Bidder</u>	<u>Name and Address of Bidder</u>
Foley Incorporated 855 Centennial Ave. Piscataway, NJ 08855 (732) 261-8422	Jesco, Inc. 118 Saint Nicholas Avenue South Plainfield, NJ 07080 (908) 753-8080

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that all bids be rejected due to a clerical error. This bid will be rebid with revised specifications.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. Upon recommendation of the County Purchasing Agent, all bids received for Motor Vehicle: Loader, are hereby rejected.
2. Be it further resolved that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, County Road Department, Vehicle Services and the unsuccessful bidders.

RESOLUTION

November 17, 2021

WHEREAS, on November 4, 2021, pursuant to legal advertisements therefor, sealed bids were received for the NORTHERN RECYCLING FACILITY MODIFICATIONS AND INSTALLATION OF EQUIPMENT for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

Name of Bidder

Enviro-Services & Constructors, Inc., dba  
RRT Design & Construction

Address of Bidder

1 Huntington Quadrangle  
Suite 3S01  
Melville, NY 11747  
(631) 756-1060 ext. 108

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole bid received be rejected as it exceeds the engineer's estimate. The project will be rebid.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. Upon recommendation of the County Purchasing Agent, the sole bid received for Northern Recycling Facility Modifications and Installation of Equipment, is hereby rejected.

2. Be it further resolved that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Planning Board and Enviro-Services & Constructors, Inc., dba RRT Design & Construction the unsuccessful bidder.

**No Associated  
Documents**

RESOLUTION

November 17, 2021

**WHEREAS**, Contract No. B2021-45CE was entered into on March 17, 2021, with Estock Piping Co., LLC, in connection with the project known as OCEAN COUNTY COURTHOUSE WEST WING STEAM-TO-HOT WATER CONVERSION, County of Ocean, State of New Jersey; and

**WHEREAS**, it has been determined that revisions to the contract are necessary for temporary heat provisions; and

**WHEREAS**, the costs in the amount of \$32,534.14 shall be billed against the Allowance resulting in an Allowance balance of \$137,465.86; and \$170,000.00 allowance; and

**WHEREAS**, the Consulting Engineer, T&M Associates, has duly filed with the Board a request for Change Order stating the facts involved and certifying that the proposed Change Order is consistent with the regulations for such Change Orders promulgated by the State Department of Community Affairs Division of Local Government Services, under the authority of N.J.S.A. 52:27BB-32; and

**WHEREAS**, the Contractor has agreed to accept these changes to the Contract.

**NOW, THEREFORE, BE IT RESOLVED, by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. T&M Associates is hereby authorized to issue Change Order No. 1 to Estock Piping Co., LLC, in connection with the project known as OCEAN COUNTY COURTHOUSE WEST WING STEAM-TO-HOT WATER CONVERSION, for a no cost increase to the contract.
2. The Director and Clerk of the Board are hereby authorized and directed to enter into an Amendatory Contract with Estock Piping Co., LLC, 569 Chesterfield-Arneytown Road, Chesterfield, NJ 08515 to cover Change Order No.1 and to provide additional information and furnish such documents as may be required.
3. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract.
4. Certified copies of this Resolution shall be made available to the Ocean County Auditor, Management & Budget Department, County Comptroller, Buildings & Grounds Department, Estock Piping Co., LLC and T&M Associates.

**No Associated  
Documents**

**RESOLUTION**

November 17, 2021

**WHEREAS**, there exists a need for RouteMatch/Uber upgrade & annual software/hardware maintenance and support for the Ocean County Department of Transportation Services (Ocean Ride); and

**WHEREAS**, the County of Ocean has publicly solicited a Request for Proposals for such work on October 7, 2021, in accordance with the requirements of N.J.S.A. 19:44A-20.4; and

**WHEREAS**, one response was received on October 26, 2021 by the County of Ocean and were reviewed by the Ocean County Department of Transportation Services Evaluation Committee and the Ocean County Consultant Selection Review Committee in accordance with the criteria approved by the Ocean County Board of Commissioners on October 6, 2021 and set forth in the Request for Proposals; and

**WHEREAS**, the Ocean County Department of Transportation Services Evaluation Committee and the Ocean County Consultant Selection Review Committee has recommended on November 1, 2021, that the Agreement be awarded to:

**RouteMatch Software, LLC**  
1230 West Peachtree St., Suite 2800  
Atlanta, GA 30309

to provide such services as requested by the County of Ocean, as more specifically set forth in the Cost Proposal and Agreement; for the time period of November 18, 2021 through November 17, 2024, with a not to exceed amount of \$35,592.00 per year for software maintenance and support, \$7,000.00 per year for Mobile App maintenance and support and \$13,686.00 per year for tablet maintenance and support, encumbered for the first year in Account No. 016-190-4620; and

**WHEREAS**, optional items shall be encumbered on an as-needed basis as follows:

RouteMatch Trip Notification Module

Implementation Cost:

RM Notifications - Activation	\$ 30,000.00
Professional Services - project management	\$ 3,000.00
IVR Call Minutes - 95,000 minutes	\$ 2,850.00
	<i>(Total &amp; Cost per Minute)</i>

RM Notification Module Annual Maintenance & Support Services

Year One:	Included in year one
Year Two:	\$2,600
Year Three:	\$2,600

Third Party Hardware and Services

IVR Call Minutes – RM Notifications Module

Year One:	\$2,850	95,000 minutes	Cost per Minute: \$ 0.03
	<i>(Included above year 1)</i>		
Year Two:	\$ 2,850	95,000 minutes	Cost per Minute: \$ 0.03
Year Three:	\$ 2,850	95,000 minutes	Cost per Minute: \$ 0.03

Third Party Hardware and Services – continued

Tablets – Hardware, Configuration & Licensing

Including but not limited to the following:

Samsung Galaxy Tablet (Tab A or Current Model):

Tablet	\$ 360.00 each
Tablet Case	\$ 90.00 each
Tablet Docking System	\$ 155.00 each
Tablet Internal Wiring Cable	\$ 27.50 each
Tablet Charger	\$ 45.00 each
Tablet Mounts (handrail)	\$ 90.00 each
Tablet Configuration	\$ 125.00 each

Mobile Device Manager License per Unit, Estimated 75 Units

Year One:	\$2,700.00	Cost per Unit: \$36/year
Year One:	\$2,700.00	Cost per Unit: \$36/year
Year One:	\$2,700.00	Cost per Unit: \$36/year

RouteMatch Upgrade & Migration to AWS Cloud Hosting

Implementation Cost:

RouteMatch Upgrade & Migration*	(No Cost – See page 1 of 20 items B & C)
ASP – 26 Cloud Services User Licenses	\$28,080.00
Professional Services – Cloud Migration	\$10,000.00

Cloud Hosting Annual Licensing Fees:

Year One:	\$28,080.00	(Note year one included above/hosting licensing is \$28,080 annually)
Year Two:	\$28,080.00	
Year Three:	\$28,080.00	

*\*Includes migration of all current data, reports and data file exports.*

Additional Options:

1. On-line training sessions per person: On-line Training \$1,000/8 hour day
2. Minutes to cover coverage of IVR calls: \$ 0.03/minute for overage
3. Cloud Services License – per user: \$1,080

**WHEREAS**, funding for year two and three shall be contingent upon the adoption of the County's fiscal year budgets.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to execute an Agreement with RouteMatch Software, LLC, 1230 West Peachtree St., Suite 2800, Atlanta, GA 30309 for RouteMatch/Uber upgrade & annual software/hardware maintenance and support, as more specifically set forth in the Agreement.
2. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to this Agreement.
3. A certified copy of this Resolution, together with a copy of the Agreement executed by both parties, shall remain on file and be available for public inspection at the Ocean County Clerk of the Board's Office.



4. Notice of award of this contract shall be published once in a local newspaper.
5. Certified copies of this Resolution shall be made available to Ocean County Department of Finance, Purchasing Department, Information Technology Department, Transportation Services Department (Ocean Ride), and RouteMatch Software, LLC.

# RESOLUTION

November 17, 2021

**WHEREAS**, on March 18, 2020, the Ocean County Board of Chosen Freeholders adopted a "Proclamation of the Emergency" to protect health and safety of all County residents; and

**WHEREAS**, the Proclamation of Emergency was adopted in response to the Coronavirus including authorizing to the County Purchasing Agent to issue or award emergency purchase orders pursuant to N.J.S.A. 40A:11- 6, N.J.S.A. 5:34-6.1 and local finance board notice 2020-06; and

**WHEREAS**, due to the COVID-19 epidemic and the uncertainty of the length of time the epidemic; and

**WHEREAS**, a need exists for Emergency COVID Quarantine Motel Placement Hotline Services due to a circumstance where an emergency affecting the public health, safety and welfare of Ocean County residents requires the immediate delivery of services; and

**WHEREAS**, on February 3, 2021 the Ocean County Department of Human Services entered into an Agreement with Contact of Ocean and Monmouth Counties, P.O. Box 1121, Toms River, NJ 08754-1121 to provide such services, for the period of December 1, 2020 to November 30, 2021; and

**WHEREAS**, the Ocean County Department of Human Services desires to extend the agreement for (1) one additional year, December 1, 2021 through November 30, 2022; and

**WHEREAS**, funds not to exceed a total amount of \$85,000.00 will be appropriated for these services as follows:

Services	Account	Amount
2021 Hotline Services	019-015-0003	\$5,000.00
2022 Hotline Services	016-205-5017	\$30,000.00
2022 Motel/Transportation Services	016-205-5017	\$50,000.00
Total		\$85,000.00

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Director and Clerk of the Board are hereby authorized to enter into and execute an Agreement with **Contact of Ocean and Monmouth Counties**, for the provision of services set forth above, contingent upon the availability of said funds.
2. The Director and the Clerk of the Board are hereby authorized and directed to execute any necessary subsequent related documents.
3. A certified copy of this Resolution, together with a copy of the Agreement executed by both parties, shall remain on file and be available for public inspection at the office of the Clerk of the Board of Commissioners.
4. Certified copies of this Resolution shall be made available to the Ocean County Department of Human Services, Ocean County Comptroller, Ocean County Counsel, Ocean County Auditor, Ocean County Purchasing Department, and Contact of Monmouth and Ocean Counties.

## RESOLUTION

November 17, 2021

**WHEREAS**, the State of New Jersey, Department of Human Services, Division of Family Development, has funds available through the Social Services for the Homeless Grant for the **WORK FIRST NEW JERSEY TRANSPORTATION PROGRAM**; and

**WHEREAS**, the County of Ocean, Department of Human Services has applied to renew the Social Services for the Homeless Grant for the year 2022; and

**WHEREAS**, on November 07, 2001, the Ocean County Board of Chosen Freeholders adopted a Resolution authorizing the utilization of Competitive Contracting Procedures for the **WORK FIRST NEW JERSEY TRANSPORTATION PROGRAM**; and

**WHEREAS**, Competitive Contracting Procedures have been followed in accordance with N.J.S.A. 40A: 11-43 for the services listed above; and

**WHEREAS**, the Ocean County Department of Human Services has received and reviewed proposals for the Work First New Jersey Transportation Program and recommends that an Agreement be awarded to Long Beach Island Community Center, Inc. – St. Francis, 4700 Long Beach Boulevard, Brant Beach, NJ to provide such services, for January 1, 2022 through December 31, 2022, with an option to extend up to four (4) additional one-year extensions, as more specifically set forth in the Agreement; and

**WHEREAS**, funds shall be appropriated for these services in the 2022 Temporary County Budget as follows:

DHS Emergency Food & Shelter FY22	017-818-AA51	\$71,630.00
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**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS, COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

- 1.) The Director and Clerk of the Board are hereby authorized to enter into an Agreement with Long Beach Island Community Center, Inc. – St. Francis for the period of January 1, 2022 through December 31, 2022, contingent upon the availability of funds.
- 2.) The Director and Clerk of the Board are hereby authorized and directed to execute any necessary subsequent and related documents.
- 3.) The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said agreement.
- 4.) A certified copy of this Resolution, together with a copy of the Agreement executed by the parties, shall remain on file and be available for public inspection at the office of the Clerk of the Board of Commissioners.

**BE IT FURTHER RESOLVED** that certified copies of this Resolution shall be made available to the Ocean County Department of Finance, County Auditor, Department of Human Services, Long Beach Island Community Center, Inc. – St. Francis, and the New Jersey State Department of Human Services, Division of Family Development.

**RESOLUTION**

**NOVEMBER 17, 2021**

**WHEREAS, the COUNTY of OCEAN, has funds available for EMERGENCY FOOD AND FOOD VOUCHER PROGRAM COORDINATOR for the purchase of emergency food and food vouchers for individuals and families experiencing short-term and non-reoccurring emergencies who are at risk of being homeless and/or hungry; and**

**WHEREAS, on May 6, 2015, the Ocean County Board of Chosen Freeholders adopted a Resolution authorizing the utilization of Competitive Contracting Procedures for the EMERGENCY FOOD AND FOOD VOUCHER PROGRAM COORDINATOR; and**

**WHEREAS, Competitive Contracting Procedures have been followed in accordance with N.J.S.A. 40A: 11-43 for the services listed above; and**

**WHEREAS, on December 4, 2019 the Ocean County Board of Chosen Freeholders adopted a resolution to award the Emergency Food and Food Voucher Program Coordinator to the The Foodbank of Monmouth and Ocean Counties; and**

**WHEREAS, the Agreement was for a one year period and at the successful completion of the one year Agreement, four (4) one-year extension could be exercised; and**

**WHEREAS, the Human Services Advisory Council has recommended renewal of the contract based on positive monitoring and submission of required reports; and**

**WHEREAS, the County desires to extend the Agreement with The Foodbank of Monmouth and Ocean Counties to perform such services; and**

**WHEREAS, funding will be made available for these services, in the 2022 Temporary County Budget as follows:**

DHS Emergency Food Program	016-205-5016	\$60,000.00
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**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, that the Director and Clerk of the Board are hereby authorized and directed to renew an Agreement with The Foodbank of Monmouth and Ocean Counties d/b/a Fulfill Monmouth and Ocean for the provision of services set forth above, contingent upon the availability of said funds.**

**BE IT FURTHER RESOLVED, the County reserves the right to cancel this Agreement at any time during the contract term January 1, 2022 to December 31, 2022, if said funds are not available.**

**BE IT FURTHER RESOLVED, that the contract number must be placed on all papers, documents, invoices and vouchers pertaining to said agreement, the Number being CC2019-128.**

**BE IT FURTHER RESOLVED, that the Director and Clerk of the Board are hereby authorized and directed to execute any necessary subsequent and related documents.**

**BE IT FURTHER RESOLVED**, that a certified copy of this Resolution, together with a copy of the Agreement executed by the parties, shall remain on file and be available for public inspection at the office of the Clerk of the Board.

**BE IT FURTHER RESOLVED**, that certified copies of this resolution shall be made available to Ocean County Department of Human Services, County Comptroller, County Counsel and The Foodbank of Monmouth and Ocean Counties.

**RESOLUTION**

**November 17, 2021**

**WHEREAS**, on April 1, 2020, Contract CP2020-64 was awarded to County Business Systems, Inc. to provide **NEWVISION SOFTWARE, UPGRADES, ENHANCEMENT AND MAINTENANCE SERVICES FOR DOCUMENT RECORDING AND INDEXING SYSTEM**; and

**WHEREAS**, the term of the contract is for two (2) years with the option to extend for two (2) additional one (1) year periods; and

**WHEREAS**, the Ocean County Clerk desires to exercise the first one (1) year extension option for the period of 1/1/2022 through 12/31/2022 as services have been provided to the County in an efficient and effective manner; and

**WHEREAS**, County Business Systems, Inc. has agreed to the contract extension in writing,

**WHEREAS**, funds for services to be provided under this Agreement in 2022, in the amount of One Hundred Eighty Nine Thousand, One Hundred Eighty Six Dollars (\$189,186.00), shall be made available contingent upon the adoption of the 2022 Temporary County Budget and 2022 County Budget, account number 016-055-4022; and

**WHEREAS**, funds for services to be provided under this Agreement in the subsequent contract years are contingent upon the adoption of the budgets for those years, at which time the Department of Finance will notify the appropriate County official when funds have become available; and;

**WHEREAS**, any system upgrades or enhancements may be purchased by use of separate purchase order only during the term of this within Agreement, and

**WHEREAS**, the County reserves the right to cancel this Agreement if at any time during the contract period said funds are not appropriated and made available for the balance of the work to be performed under this Agreement.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** as follows:

1. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute a contract extension with County Business Systems, Inc., 11 Penns Trail, Suite 400, Newtown, PA 18940, for the provision of NewVision Software Upgrades, Enhancement and Maintenance Services for Document Recording and Indexing System for a term of one (1) year, commencing January 1, 2022.
2. The contract number must be placed on all papers, documents, invoice and vouchers pertaining to this Agreement.
3. A certified copy of this Resolution, together with a copy of the Agreement executed by the parties, shall remain on file and be available for public inspection at the office of the Clerk of the Board of Commissioners.
4. Certified copies of this Resolution shall be made available to the Ocean County Clerk, County Comptroller, Management and Budget Department, County Counsel and County Business Systems, Inc.



October 11, 2021

Hon. Scott Colabella  
Ocean County Clerk  
118 Washington Street  
Toms River, NJ 08754

Dear Scott,

County Business Systems is pleased to confirm that we will honor the one (1) year extension for the NewVision Software Maintenance and Support Service Agreement Contract No. CP2020-64 for calendar year 2022 for the Ocean County Clerk's indexing and recording system.

We are looking forward to continuing the opportunity to work with you and your staff.

Sincerely,

**Bill Lennon**  
**County Business Systems, Inc.**  
11 Penns Trail, Suite 400  
Newtown, PA 18940  
(609) 935-0180 ext. 104  
(609) 935-0177 fax  
blennon@cbs-nj.com

**RESOLUTION**

**NOVEMBER 17, 2021**

**WHEREAS**, on January 6, 2021 contract QP2021-4 was awarded for Architectural Services to Massimo F. Yezzi Jr., for calendar year 2021; and

**WHEREAS**, it is necessary to amend the contract amount to include additional and anticipated services for the Department of Management & Budget; and

**WHEREAS**, the original contract for Architectural Services was estimated at \$750,000.00, an additional amount of \$700,000.00 is necessary to provide the services for the Department of Management & Budget; and

**WHEREAS**, funds for these services shall be available within the following funding sources:

1. 2021 Adopted County Budget – Administrator O.E., Management & Budget O.E., Parks O.E., Building & Grounds O.E., and Special Projects O.E.
2. Capital Ordinances
3. Natural Lands Trust Fund account #225-155-0151

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. Contract QP2021-4 is hereby increased from \$750,000.00 to \$1,450,000.00.
2. This contract is awarded as a “Professional Services” in accordance with the Local Public Contracts Law, N.J.S.A. 40A:11-5(1) (a), as the services required in connection with this Agreement shall be provided by a licensed Architect and constitute professional services as defined therein.
3. A notice of this action shall be published once as required by law.
4. The contractor shall include the contract number on all papers, documents, invoices and vouchers pertaining to said contract.

**BE IT FURTHER RESOLVED** that a certified copy of this resolution shall be made available to Ocean County Department of Finance, County Auditor, Department of Management & Budget, and Massimo F. Yezzi, Jr., Architect.



**RESOLUTION**

November 17, 2021

**WHEREAS**, the Ocean County Board of Commissioners, has determined that a need exists for ENHANCED METERING AND TRENDING OF EXISTING DATA POINTS AT THE ESIP SITES; and

**WHEREAS**, the Board considers it necessary and desirable to engage an Energy Consulting Services firm from the list of previously qualified firms identified in a Resolution adopted by the Board of Commissioners on September 14, 2021 (QP2021-103); and

**WHEREAS**, the County requested proposals and determined DCO Energy, LLC is qualified to provide the required Energy Consulting Services in accordance with their project specific proposal for Enhanced Metering and Trending of Existing Data Points at the ESIP Sites, dated October 21, 2021 at a not to exceed cost of \$21,500.00; and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A. 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. The Board does hereby authorize the issuance of a Purchase Order in the amount not to exceed \$21,500.00 to DCO Energy, LLC for Energy Consulting Services from Budget Account Number 300-010-C626.
2. Certified copies of this Resolution shall be forwarded to the Ocean County Management & Budget Department, Department of Finance, Purchasing Department, Building and Grounds Department and DCO Energy, LLC.

RESOLUTION  
November 17, 2021

**WHEREAS**, the County of Ocean seeks to terminate the Ground Water Remedial Action Permit (#RAP 170001) issued by the New Jersey Department of Environmental Protection, per N.J.A.C. 7:26E, related to case # 13-02-05-1128-45 at the Cedar Bridge Tavern County Historic Site, Barnegat NJ ; and

**WHEREAS**, the Board considers it necessary and desirable to engage an Environmental Consulting Services firm from the list of previously qualified firms identified in a Resolution adopted by the Board of Commissioners on September 14, 2021; (QP2021-102); and

**WHEREAS**, Mott MacDonald, LLC is qualified to provide the required Environmental Consulting Services in accordance with their project specific proposal at a not to exceed cost of ELEVEN THOUSAND DOLLARS (\$11,000.00); and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. It authorizes the expenditure for Environmental Consulting Services to Mott MacDonald, LLC at a not to exceed cost of ELEVEN THOUSAND DOLLARS (\$11,000.00) from the Cedar Bridge Tavern Preservation, Restoration: Account Number 409-250-C603.
2. Certified copies of this Resolution shall be made available to the County Administrator, County Comptroller, County Auditor, County Counsel, Parks and Recreation Department, and Mott MacDonald, LLC.

## RESOLUTION

November 17, 2021

**WHEREAS**, there exists a need to upgrade the Municipal Election Network equipment to comply with the new regulations set forth by the New Jersey Division of Homeland Security to support the Ocean County Board of Elections; and

**WHEREAS**, the Ocean County Office of Information Technology has determined that the procurement of new network equipment, which will include a new Firewall, VPN and encryption, is essential to the secure operation of the Ocean County Board of Elections; and

**WHEREAS**, the County has solicited a quote from the authorized vendor on New Jersey State Contract 21-TELE-01506; and

**WHEREAS**, upon review of the response, the County is desirous of entering into an agreement with ePlus Technology, Inc. to provide new network equipment, as set forth in their proposal dated August 26, 2021; and

**WHEREAS**, the funds shall be encumbered for said agreement under account number 016-085-6042 in the amount not to exceed \$65,471.52. Terms subject to the availability of funds.

**NOW, THEREFORE, BE IT RESOLVED, BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:**

1. This agreement is awarded under the terms and conditions of New Jersey State Contract No. 21-TELE-01506.
2. The Director and Clerk of the Board are hereby authorized and directed to enter into any necessary subsequent documents with ePlus Technology, Inc., 133 Gaither Dr. – Ste. C, Mount Laurel, NJ 08054.
3. A notice of this action shall be published once as required by law.
4. The Contract number must be placed on all documents pertaining to this Agreement.
5. A Certified copy of this Resolution shall remain on file and be available for public inspection at the Office of the Clerk of the Board of Commissioners.
6. A Certified Copy of this resolution shall be made available to the Ocean County Comptroller, Office of Information Technology, and ePlus Technology, Inc.

## RESOLUTION

November 17, 2021

**WHEREAS**, there exists a need to purchase back-up networking equipment to provide redundant systems in the event of failure of present network infrastructure; and

**WHEREAS**, the Ocean County Office of Information Technology has determined that the procurement of new network equipment is essential to the stable operation of the Ocean County Networking Systems; and

**WHEREAS**, the County has solicited a quote from the authorized vendor on New Jersey State Contract 21-TELE-01506; and

**WHEREAS**, upon review of the response, the County is desirous of entering into an agreement with ePlus Technology, Inc. to provide new network equipment, as set forth in their proposal dated September 20, 2021; and

**WHEREAS**, the funds shall be encumbered for said agreement under account number 016-085-6042 in the amount not to exceed \$58,764.58. Terms subject to the availability of funds.

**NOW, THEREFORE, BE IT RESOLVED, BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:**

1. This agreement is awarded under the terms and conditions of New Jersey State Contract No. 21-TELE-01506.
2. The Director and Clerk of the Board are hereby authorized and directed to enter into any necessary subsequent documents with ePlus Technology, Inc., 133 Gaither Dr. – Ste. C, Mount Laurel, NJ 08054.
3. A notice of this action shall be published once as required by law.
4. The Contract number must be placed on all documents pertaining to this Agreement.
5. A Certified copy of this Resolution shall remain on file and be available for public inspection at the Office of the Clerk of the Board of Commissioners.
6. A Certified Copy of this resolution shall be made available to the Ocean County Comptroller, Office of Information Technology, and ePlus Technology, Inc.

RESOLUTION  
November 17, 2021

**WHEREAS**, the County of Ocean, Department of Parks & Recreation owns Wells Mills County Park in Waretown, NJ; and

**WHEREAS**, the County has a approved forest management plan for Wells Mills; and

**WHEREAS**, forest thinning is needed to improve forest health and decrease fire risk; and

**WHEREAS**, there is a need for Forestry Consulting Services to administer oversight to comply with regulations set forth in our Pinelands approved forestry plan; and

**WHEREAS**, the Consultant Selection Review Committee recommended One (1) firm to be qualified to provide Forestry Consulting Services to be performed on an as needed basis, where and as directed by Ocean County; and

**WHEREAS**, the Ocean County Board of Commissioners acknowledged that the one (1) firm is qualified and eligible to provide Forestry Consulting Services by resolution dated April 21, 2021 referred to as contract number QP2021-74; and

**WHEREAS**, the County of Ocean has received a proposal from Pine Creek Forestry LLC, Inc., 1405 Chews Landing Road, Suite 31, Laurel Springs New Jersey; and

**WHEREAS**, the bidder submitted a proposal for Forestry Consulting Services in the lump sum fee of THREE THOUSAND SIX HUNDRED DOLLARS AND ZERO CENTS (\$3600.00); and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. It authorizes the expenditure for Forestry Consulting Services to Pine Creek Forestry LLC. not to exceed THREE THOUSAND SIX HUNDRED DOLLARS AND ZERO CENTS (\$3600.00) from the Redevelopment of Various Parks account, Account Number 301-250-C919.
2. Certified copies of this Resolution shall be made available to County Administrator, County Management and Budget Director, County Finance Director, County Auditor, County Counsel, County Parks Director, and Pine Creek Forestry LLC.

RESOLUTION  
November 17, 2021

**WHEREAS**, on August 21, 2019 the Ocean County Board of Chosen Freeholders approved the acquisition of Block 390, Lot 11 in Toms River Township, under the Ocean County Natural Lands Trust Fund for farmland preservation purposes, by resolution #2019-001128; and

**WHEREAS**, the property was acquired by the County of Ocean on January 14, 2020; and

**WHEREAS**, the County of Ocean recorded a restrictive easement over Block 390, Lot 11 on September 1, 2021 permanently restricting the property as farmland; and

**WHEREAS**, the County of Ocean is now desirous of releasing ownership of the preserved farmland parcels into private ownership through an open and competitive bidding process; and

**WHEREAS**, the Consultant Selection Review Committee recommended Max Spann Real Estate and Auction Company to be qualified to provide Auctioneering Services for Sale of Various Types of Real Property, on a project specific proposal basis; and

**WHEREAS**, the Ocean County Board of Commissioners acknowledged that Max Spann Real Estate and Auction Company is qualified and eligible to perform Auctioneering Services for Sale of Various Types of Real Property by resolution dated January 20, 2021 referred to as contract number QP2021-11; and

**WHEREAS**, the bidder submitted a proposal for Auction Services of the property consistent with the contract and for a lump sum fee of \$8,500.00 for reimbursement of marketing expenses and for a 10% buyer's premium to be paid by a successful bidder to the auctioneer; and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:**

1. It authorizes a purchase order in an amount not to exceed \$8,500.00 for Auctioneering Services to Max Spann Real Estate and Auction Company from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.
2. It authorizes the auction of the real property, permanently preserved farmland, known as Block 390, Lot 11 in the Township of Toms River and the proceeds from the auction will be placed in the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.

**BE IT FURTHER RESOLVED THAT**

1. The proper officers of the Board are authorized and directed to sign all necessary documents in order to effectuate this sale.
2. The offices of Ocean County Counsel and County Administrative staff are hereby authorized to take all actions necessary to consummate this transaction and have the fully executed Deeds recorded in the County Clerk's Office.
3. Certified copies of this Resolution shall be made available to County Administrator, County Planning Director, County Finance Director, County Auditor, County Counsel, Ocean County Natural Lands Trust Fund Advisory Committee, Ocean County Agriculture Development Board, State Agriculture Development Committee, and Max Spann Real Estate and Auction Company.

RESOLUTION  
November 17, 2021

**WHEREAS**, on February 1, 2012 the Ocean County Board of Chosen Freeholders approved the acquisition of Block 293, Lots 1 & 2 in the Township of Little Egg Harbor under the Ocean County Natural Lands Trust Fund by resolution; and

**WHEREAS**, there exists the need for land surveying services at the aforementioned property; and

**WHEREAS**, the Consultant Selection Review Committee recommended twenty-one (21) firms to be qualified to provide Professional Land Surveying Services for Various Projects in Ocean County, Where and As Directed by Various Departments of Ocean County; and

**WHEREAS**, twenty-one (21) firms are qualified and eligible to perform Professional Land Surveying Services for Various Projects in Ocean County by resolution dated February 17, 2021 referred to as contract number QP2021-62; and

**WHEREAS**, the County of Ocean has requested three proposals from the list of eligible firms and the lowest qualified bidder is Colliers Engineering & Design, Inc., Red Bank, New Jersey; and

**WHEREAS**, the bidder submitted a proposal for land surveying services in the lump sum fee of \$41,000.00; and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. Authorizing a purchase order in an amount not to exceed \$ 41,000.00 for surveying services to Colliers Engineering & Design, Inc. from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.
2. Certified copies of this Resolution shall be made available to County Administrator, County Planning Director, County Finance Director, County Auditor, County Counsel, County Natural Lands Trust Fund Advisory Committee and Colliers Engineering & Design, Inc.

RESOLUTION  
November 17, 2021

**WHEREAS**, the Ocean County Board of Commissioners has approved the acquisition of various properties in the Township of Berkeley under the Natural Lands Trust Fund Program; and

**WHEREAS**, engineering design services are required to evaluate, inspect, and make determinations for bulkheading on these properties; and

**WHEREAS**, the Consultant Selection Review Committee recommended fourteen (14) firms to be qualified to provide Engineering Design Services to be performed on an as needed basis, where and as directed by Ocean County; and

**WHEREAS**, the fourteen (14) firms are qualified and eligible to provide Engineering Design Services by resolution dated October 6, 2021 referred to as contract number QP2021-107; and

**WHEREAS**, the County of Ocean has requested three proposals from the list of eligible firms and the lowest qualified bidder is Mott MacDonald, LLC, Freehold, New Jersey; and

**WHEREAS**, the bidder submitted a proposal for engineering design services in the lump sum fee of \$31,800.00; and

**WHEREAS**, this contract is awarded in compliance with the provisions of N.J.S.A 19:44A-20.4 et seq., the New Jersey "Pay-to-Play" Law.

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. It authorizes the expenditure for engineering design services to Mott MacDonald, LLC in an amount not to exceed \$ 31,800.00 from the Account Number 225-155-0151.
2. Certified copies of this Resolution shall be made available to County Administrator, County Planning Director, County Finance Director, County Auditor, County Counsel, and Mott MacDonald, LLC.



RESOLUTION  
November 17, 2021

**WHEREAS**, on October 21, 2020 a resolution was adopted awarding a purchase order to T&M Associates for Environmental Consulting Services at Block 858, Lot 46.01, Township of Berkeley under contract QP2020-96 for the lump sum fee of FOUR THOUSAND FOUR HUNDRED DOLLARS (\$4,400.00); and

**WHEREAS**, on June 16, 2021 a resolution was adopted awarding a purchase order for additional Environmental Consulting Services in the project area, for an increase to the lump sum fee of NINETEEN THOUSAND FIVE HUNDRED AND FIFTY DOLLARS (\$19,550.00); and

**WHEREAS**, it has been determined that additional Environmental Consulting Services be conducted in the project area; and

**WHEREAS**, funds for these services in the amount of \$8,750.00 are available in account 225-155-0151 to cover this additional work.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY** that the project specific proposal is amended to include these additional Environmental Consulting Services at Block 858, Lot 46.01 in the Township of Berkeley, in an amount not to exceed \$8,750.00 from the Ocean County Natural Lands Trust Fund, Account Number 225-155-0151.

**BE IT FURTHER RESOLVED** that certified copies of this resolution shall be made to County Administrator, County Planning Director, County Finance Director, County Auditor, County Counsel, and T&M Associates.

## RESOLUTION

November 17, 2021

**WHEREAS**, on March 18, 2020, the Ocean County Board of Chosen Freeholders adopted the tenants of a March 16, 2020 Emergency Proclamation declared by the Freeholder Director and Ocean County Sheriff in response to the novel Coronavirus (COVID-19) outbreak as a Public Health Emergency of International Concern and the March 9, 2020 Governor of the State of New Jersey Executive Orders declaring the concurrent invocation of both a State of Emergency pursuant N.J.S.A. App. A.:9-33 et seq. and a Public Health Emergency as Contemplated by N.J.S.A. 26: 13-1, et seq. which invoked the authority and power contemplated by N.J.S.A. 26: 13-3, the Emergency Health Powers Act, and remains in effect; and

**WHEREAS**, on June 4, 2021, the Governor of the State of New Jersey issued Executive Order No. 244 (2021), stating the Public Health Emergency declared in Executive Order No.103 (2020) pursuant to the Emergency Health Power Act, N.J.S.A. 26:13-1, et seq., is hereby terminated; and

**WHEREAS**, on June 4, 2021, the Governor of the State of New Jersey issued Executive Order No. 244 (2021), stating the State of Emergency declared in Executive Order No.103 (2020) pursuant to N.J.S.A. App. A: 9-33, et seq., continues to exist in the state of New Jersey; and

**WHEREAS**, on June 16, 2021 the Board of Commissioners rescinded all tenants set forth in the March 16, 2020 Proclamation and March 18, 2020 Resolution, with the specific exception, including but not limited to, authorizing the County Purchasing Agent to issue or award emergency purchase orders pursuant to N.J.S.A. 40A:1 1-6, N.J.S.A. 5:34-6.1 and Local Finance Board Notice 2020-06; and

**WHEREAS**, on September 14, 2021, an emergency purchase order was issued to the Visiting Nurses Association of Central Jersey for COVID-19 vaccination services; and

**WHEREAS**, the original term of the service was for the period of September 14, 2021, through November 5, 2021; and

**WHEREAS**, it is necessary to amend the contract to extend the term of service from November 6, 2021 through December 31, 2021, at no additional cost to the County.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF  
COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY, AS  
FOLLOWS:**

1. The term of service under PO#20210006298 is extended through  
December 31, 2021, at no additional cost to the County.
2. Certified copies of this Resolution shall be made available to the Ocean  
County Department of Finance, County Auditor, and Visiting Nurses  
Association of Central Jersey.

RESOLUTION

**November 17, 2021**

**WHEREAS**, on April 1, 2020 a resolution was adopted awarding a purchase order to Urban Engineers, Inc. for Traffic Engineering Professional Services for the Hooper Avenue corridor Analysis, Walnut Street to Bay Avenue, Toms River Township under contract QP2020-58 for the lump sum fee of TWELVE THOUSAND EIGHTY AND 62/100 DOLLARS (\$12,080.62); and

**WHEREAS**, it has been determined that additional Traffic Engineering Professional Services be conducted in the project area; and

**WHEREAS**, funds are available in Account Number 417-185-C908-6600 in the amount of SEVENTEEN THOUSAND SEVEN HUNDRED NINETY EIGHT AND 49/100 DOLLARS (\$17,798.49) to cover this additional work; and

**NOW, THEREFORE, BE IT RESOLVED** by the **BOARD OF COMMISSIONERS** of the **COUNTY OF OCEAN, STATE OF NEW JERSEY**, that the project specific proposal is amended to include these additional Traffic Engineering Professional Services for the Hooper Avenue Corridor Analysis, Walnut Street to Bay Avenue, Toms River Township, in the County of Ocean.

**BE IT FURTHER RESOLVED** that certified copies of this Resolution shall be made available to Ocean County Finance Director, County Auditor, County Counsel, Engineering Department, Purchasing Department and Urban Engineers, Inc.

## RESOLUTION

November 17, 2021

**WHEREAS**, there exists a need to upgrade the existing audio speaker system in the Administration Building board room; and

**WHEREAS**, the Ocean County Office of Information Technology has determined that the implementation of an upgraded audio speaker system is essential to the efficient use of the board room for public meetings; and

**WHEREAS**, the County has solicited a quote from an authorized vendor and vendor distributor on New Jersey State contract T1316; and

**WHEREAS**, upon review of the response, the County is desirous of entering into an agreement with Johnston Communications, aka Johnston G P Inc., Sub. Contract No. 80802 to provide hardware and installation of the new audio speaker system as set forth in their proposal dated October 29, 2021; and

**WHEREAS**, the funds shall be encumbered for said agreement under account number 016-010-6040 in the amount not to exceed \$53,872.26 for hardware. Terms subject to the availability of funds; and

**WHEREAS**, funds shall be encumbered for said agreement under account number 016-010-6036 in the amount not to exceed \$16,800.00 for labor. Terms subject to the availability of funds.

**NOW, THEREFORE, BE IT RESOLVED, BY THE BOARD OF COMMISSIONERS OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY as follows:**

1. This agreement is awarded under the terms and conditions of New Jersey State Contract T1316, Sub. Contract No. 80802.
2. The Director and Clerk of the Board are hereby authorized and directed to execute any necessary subsequent documents with Johnston Communications, aka Johnston G P Inc., 322 Belleville Pike, North Arlington, NJ 07031.
3. A notice of this action shall be published once as required by law.
4. The Contract number must be placed on all documents pertaining to this Agreement.
5. A Certified copy of this Resolution shall remain on file and be available for public inspection at the Office of the Clerk of the Board of Commissioners.
6. A Certified Copy of this resolution shall be made available to the Ocean County Comptroller, Office of Information Technology, and Johnston Communications, aka Johnston G P Inc.

**No Associated  
Documents**

**RESOLUTION**  
**November 17, 2021**

**WHEREAS**, there exists a need for the appointment of an Assistant County Medical Examiner; and

**WHEREAS**, N.J.S.A. 52:17B-84 provides for the appointment of Assistant County Medical Examiners; and

**WHEREAS, DAKSHA R. SHAH, MD, FCAP** possesses the requisite licenses, certifications and all qualifications necessary to serve as Assistant County Medical Examiner; and

**WHEREAS**, the Ocean County Board of Commissioners wishes to appoint **DAKSHA R. SHAH, MD, FCAP**, as Assistant Ocean County Medical Examiner, for a term of one (1) year, commencing November 30, 2021; and

**WHEREAS**, the funds shall be made available for this purpose in Account No. 016-286-4414-6600.

**NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS, COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. **DAKSHA R. SHAH, MD, FCAP** is hereby appointed as Assistant Ocean County Medical Examiner for a term of one (1) year commencing November 30, 2021, in accordance with the terms and conditions set forth in the Assistant Ocean County Medical Examiner Agreement attached hereto.

2. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute said Agreement with **DAKSHA R. SHAH, MD, FCAP**.

3. A certified copy of this Resolution, together with a copy of the Assistant Ocean County Medical Examiner Agreement executed by the parties, shall be placed on file in the office of the Clerk of the Board of Commissioners.

4. Certified copies of this Resolution shall be made available to the Ocean County Medical Examiner, County Department of Employee Relations; County Comptroller, County Counsel, and Daksha R. Shah, MD, FCAP.

**RESOLUTION**

**November 17, 2021**

**WHEREAS**, there exists a need for the appointment of a County Medical Examiner for the County of Ocean; and

**WHEREAS, DONATO J. SANTANGELO, III, M.D.** is a licensed physician of recognized ability and good standing in this County and has the training and experience as prescribed by standards promulgated by the State Medical Examiner.

**NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS, OF THE COUNTY OF OCEAN, STATE OF NEW JERSEY**, as follows:

1. **DONATO J. SANTANGELO, III, M.D.** is hereby appointed Ocean County Medical Examiner of a term of five (5) years pursuant to N.J.S.A. 52:17B-83, effective December 1, 2021, at a salary of \$79,695.00 per annum.
2. The Director and Clerk of the Board are hereby authorized and directed to enter into and execute a Professional Services Contract with Donato J. Santangelo, III, M.D.
3. A certified copy of this Resolution, together with a copy of the Professional Service Contract executed by the parties, shall remain on file and be available for public inspection at the office of the Clerk of the Board of Commissioners.
4. A notice of this action shall be printed in a local newspaper.
5. Certified copies of this Resolution shall be sent to the Office of the State Medical Examiner, Director, Ocean County Department of Employee Relations, Director of Finance, County Counsel, and Donato J. Santangelo, III, M.D.



**RESOLUTION**

**November 17, 2021**

**WHEREAS**, there exists a need for the appointment of an Assistant Medical Examiner; and

**WHEREAS**, N.J.S.A. 52:17B-84 provides for the appointment of Assistant Medical Examiners; and

**WHEREAS**, Ronald J. Klebacher, D.O. possesses the requisite licenses, certifications and all qualifications necessary to serve as Assistant Ocean County Medical Examiner; and

**WHEREAS**, the Ocean County Board of Commissioners wishes to appoint **RONALD J. KLEBACHER, D.O.** as Assistant Ocean County Medical Examiner for a term of one (1) year, commencing November 20, 2021; and

**WHEREAS**, the funds are available for this purpose;

**NOW, THEREFORE, BE IT RESOLVED BY THE OCEAN COUNTY BOARD OF COMMISSIONERS, COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:**

1. **RONALD J. KLEBACHER, D.O.** is hereby appointed as Assistant Ocean County Medical Examiner for a term of one (1) year commencing November 20, 2021, in accordance with the terms and conditions set forth in the Assistant County Medical Examiner Agreement attached hereto.

2. The Commissioner Director and Clerk of the Board are hereby authorized and directed to enter into and execute said Agreement with **RONALD J. KLEBACHER, D.O.**

3. A certified copy of this Resolution, together with a copy of the Assistant County Medical Examiner Agreement executed by the parties, shall be placed on file in the office of the Clerk of the Board of Commissioners.

4. Certified copies of this Resolution shall be made available to:

Ocean County Medical Examiner  
Director, Ocean County Department of Employee Relations;  
Ocean County Comptroller,  
Ocean County Counsel, and  
Ronald J. Klebacher, D.O.

**No Associated  
Documents**

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