



OFFICE OF THE COUNTY COUNSEL

Hall of Records, Room 535, Newark, New Jersey 07102

973.621.5003 --- 973.621.4599 (Fax)

www.essexcountynj.org

Joseph N. DiVincenzo, Jr.
Essex County Executive

Jerome M. St. John
Essex County Counsel

July 5, 2023

Ava V. opra+request-47299-e519exxx@xxxxxxxxx.xxxxxxxxxxxxxx.xxx

Re: OPRA Request No. 10396, "Turtle Back Zoo"

Dear Ms Ava,

The OPRA Office of Essex County received your Open Public Records Act (hereafter "OPRA") request on July 3, 2023. The official Custodian of Records, George Seylaz, received your OPRA request on July 3, 2023 and therefore, the deadline for the County's response to your request concludes on July 12, 2023. Your OPRA request sought access to the following:

"This is a request for public records made under OPRA and the common law right of access. Please acknowledge receipt of this message.

Records requested:

Please send the final and compiled bid tabulation (Bid Tally), including all quantities and unit pricing for each bidder, for Construct Conservation Pavilion @ Turtle Back Zoo that was submitted on 3/13/2020.

Below is an example of the format we are looking for that the engineer usually creates at the completion of the bid:

Putting Essex County First

ESSEX COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER

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BIDDER 1	BIDDER 2	
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Item	Description	QNT	UNIT	AMOUNT	UNIT	AMOUNT
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Please send all documents electronically.

Thanks,

PPA.”

The Dept of Purchasing has produced fifty one (51) pages of records which are responsive to your request and same are enclosed with this response letter. These records are being provided to you in their properly redacted form, the legal justifications for which are set forth below.

Putting Essex County First

ESSEX COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER

It is well established that OPRA allows a custodian of records to either deny access to or redact that information which is exempt from access, under OPRA or any other law. Truland v. Borough of Madison, GRC Complaint No. 2006-88 (September 2007).

Additionally, OPRA places an express obligation on a public agency's production and disclosure of documents and mandates that...

"A public agency has a responsibility and an obligation to safeguard from public access a citizen's personal information with which it has been entrusted when disclosure thereof would violate the citizen's reasonable expectation of privacy."

N.J.S.A. 47:1A-1, emphasis added.

You will notice that any home addresses and telephone numbers, and email addresses have been redacted from the records being provided to you. This information was entrusted to Essex County with the expectation that it remain confidential and the disclosure of same would violate reasonable expectations of privacy. Accordingly, same has been lawfully redacted pursuant to N.J.S.A. 47:1A-1.

As all responsive records are provided with this letter, OPRA Request No. 10396 is now considered closed.

If your request for access to a government record has been denied or unfilled within the seven (7) business days required by law, you have a right to challenge the decision by the OPRA Office of Essex County to deny access. At your option, you may either institute a proceeding in the Superior Court of New Jersey or file a complaint with the Government Records Council (GRC) by completing the Denial of Access Complaint Form. You may contact the GRC by toll-free telephone at 866-850-0511, by mail at P.O. Box 819, Trenton, NJ, 08625, by e-mail at xxx@xxx.xxxxxx.xx.xx, or at the web site at www.state.nj.us/grc. The GRC can also answer other questions about the law. All questions regarding complaints filed in Superior Court should be directed to the Court Clerk in your County.

Regards,

George Seylaz

George Seylaz

OPRA Custodian of Records

xxxxxxxxxxxx@xxxxxxxxxxxxxxxxxxxxxx

Putting Essex County First

ESSEX COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER



PURCHASING.ADMIN

The County of Essex, NJ

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OPPORTUNITY INFORMATION

Title

Conservation Pavilion at Turtle Back Zoo

Opportunity Type

Bid ▼

Status

Rejected ▼

Opportunity Number

20-004

Rebid Opportunity Number

Subject

To Provide the Construction of a Conservation Pavilion at Turtle Back Zoo in West Orange, N.J. as per specifications

Requesting Agency

Department of Public Works ▼

Agency Contact

Select Existing Administrative Account:

Name:

Christopher Calvanese

Phone:

Fax:

Email:

Questions

Fax to:

BID PROPOSAL PRICING PAGE P-1

For the purpose of:

CONTRACT NO. 20-004

CONSERVATION PAVILION AT TURTLE BACK ZOO

In the **COUNTY OF ESSEX**

To the Governing Body of **COUNTY OF ESSEX**.

The Undersigned hereby declares that he has carefully examined the Advertisement, Standard Specifications, Supplementary Specifications, Plans and Form of Contract and Bond for the Project named above; that he carefully examined the site of the Project; and that he will carry out and complete said project as specified and delineated at the price per unit of measure for each scheduled item of work stated in the Schedule of Prices sheet following.

It is understood that the TOTAL PRICE stated by the undersigned is based on the estimated quantities and will control in the awarding of the Contract. It is further understood that the quantities stated in this Bid Pricing Worksheet from the following proposal page(s) starting on sheet 58, for the various items are estimated only and may be increased or decreased as provided in the Specifications.

Bidders shall submit a price for each and every bid item shown on the following Bid Pricing Worksheet. Failure to do so shall be cause for automatic disqualification of the Bid.

The undersigned proposes to furnish and deliver the above project pursuant to the bid specification in the following total amount (base bid and allowances from the following proposal page(s) / worksheet(s)):

\$ 12,315,507 -

Total Amount in numbers

TWELVE MILLION THREE HUNDRED FIFTEEN THOUSAND FIVE HUNDRED SEVEN

Total Amount written

Brockwell & Carrington Contractors, Inc.

Company Name

Address

City

State

Zip Code

3/13/2020

Date

Signature of Authorized Agent

Frank A. Melhus

PM/Bid Coordinator

Type or Print Name

Title

Telephone Number

Fax Number

E-Mail Address

Corporate Seal

MUST BE COMPLETED AND CORPORATE SEAL

BID FORM - UNIT PRICES

THE CONSTRUCTION OF THE CONSERVATION PAVILION AT TURTLE BACK ZOO
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

BID SCHEDULE:

To the Purchasing Agent
County of Essex
Hall of Records
Newark, New Jersey 07102

The undersigned proposes to furnish all labor, equipment and materials as indicated below and as outlined in the plans and/or specifications. The Contractor is responsible for the construction of all items shown on the plans and/or indicated within the project Manual unless identified as "By Others".

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
A. BASE BID					
1	Demolition	L.S.	1	\$X,XXX.xx	200,000 -
2	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	1.92	15,360 -
3	Remove Existing Stamp Concrete Walkway	S.F.	200	21.00	4,200 -
4	Soil Erosion and Sediment Control Measures	L.S.	1	\$X,XXX.xx	32,700 -
5	Site Preparation and Earthwork including the collecting and installation of the native stone retaining walls as shown on the grading and drainage plan.	L.S.	1	\$X,XXX.xx	630,163 -
6	Stamped Concrete Compass Rose Plaza - includes but is not limited to the install of the stamped concrete and scoring the concrete in the shape of a compass.	S.F.	275	66.00	18,150 -
7	Embedded Metal Compass Letter	UNIT	4	2,170.-	8,680 -
8	Modular Concrete Block Retaining Wall	S.F.	75	20.00	1,500 -
9	Natural Stone Retaining Wall	L.S.	1	\$X,XXX.xx	32,500 -
10	1' High Concrete Curb	L.F.	600	85.00	51,000 -

**BID ITEM
#**

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

11	Animal Habitat Building - The facility will consist of but not be limited to foundation, stucco treatment, manufactured stone veneer, bamboo wrapped corner posts, interior and exterior walls, all masonry, all aluminum mesh panels and door system, all railing and barrier systems, all wood trusses, all roofing systems described in these plans, all exterior and interior doors, all door hardware, all interior painting and wall finishes, all exterior painting and staining, all faux wood plank veneer, interior and building mounted lighting, all the electric systems within the building, the electrical panels mounted the exterior of the building, faux wood carvings along parapet, all cast in place concrete, all building mounted exterior light fixtures, all floor finishes, installation of gas generator and its concrete pad, stainless steel refrigeration, slop sink, kitchen work including counters and sink, trainer office furniture, all interior and exterior signage, entire HVAC system, concrete troughs, all the troughs mechanical equipment and electrical equipment, all trough plumbing and electrical required to make a working trough system, skylights, gutters and roof leaders, all sheetrock, all insulation, all new interior surfaces and finishes, all plumbing and plumbing fixtures, CMU wall system with door jambs and any other improvement described within the construction documents to construct the animal habitat building. The contractor shall include in this bid item the installation and maintenance of the field offices, computers, oxblood camera and construction material testing. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the animal habitat building.	L.S.	1	\$X,XXX.xx	4,120,000
12	Stage Area - The stage will consist of but not be limited to concrete foundation, all carved wood art stage front, all precast columns, all stage curtains, all steel columns, the space frame canopy structure system, concrete floor, concrete walkways from guest viewing to stage, (3) set of concrete stairs along the front of the stage. all exterior paints epoxies & stains, all finishes, decorative railings and any other improvement described within the construction documents associated with the stage. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the stage area.	L.S.	1	\$X,XXX.xx	850,000

BID ITEM
#

SECTION DESCRIPTION

UNIT
MEASURE

ESTIMATE
QUANTITY

UNIT PRICE

TOTAL PRICE

13	Guest Seating Area - The guest seating area will consist of but not be limited to concrete foundation, all surface mounted aluminum benches with a back rest, all surface mounted aluminum handrails, all concrete walls, all concrete stairs, all concrete parapets, all decorative timber post and rail barriers, decorative handrails, all aluminum stair handrails, the installation of the recessed step lights, concrete floor/sidewalks. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Guest seating area.	L.S.	1	\$X,XXX.xx	1,116,159-
14	Control Booth - The control booth will consist of but not be limited to concrete foundation, all masonry, all windows, all high density urethane wood trim, all man doors, all door hardware, HVAC system, concrete floors and floor surfaces, all interior paint, all interior furnishings, all interior lighting EPDM roofing system. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the control booth.	L.S.	1	\$X,XXX.xx	232,000
15	Conservation Pavilion Theatrical Lighting System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion lighting system. This includes but is not limited to: the two (2) lighting towers, the concrete foundations for the lighting towers, all trenching & backfilling, all Theatrical light fixtures, all required conduit and wiring, painting all exposed conduits, securing all conduits and Theatrical lighting fixtures, installing all electric panels, installing all theatrical light control systems and any material/accessories required to provide a fully working Theatrical lighting system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	615,000
16	Conservation Pavilion Stage Audio and Video System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion audio system. This includes but is not limited to all LED video screens, all speakers, all subwoofers, all electric and communication wiring, all conduits, all trenching & backfilling, all audio, video and electric panels, all control boards, all stage cameras and all materials/accessories required to provide a fully working stage audio and video system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	800,000

BID ITEM
#

SECTION DESCRIPTION

UNIT
MEASURE

ESTIMATE
QUANTITY

UNIT PRICE

TOTAL PRICE

17	Shade Canopy System - The shade canopy system will include but not be limited to four (4) integrally colored & sealed precast tree formed columns, concrete foundations for the four precast columns, all shade canopy fabric sails, all hardware to connect shade canopy sails to the precast structures, supply and install the light support rail, all excavation and backfilling and any other material/accessory required to provide a complete shade canopy system as shown on the construction documents.	L.S.	1	\$X,XXX.xx	225,000-
18	Full Depth Bituminous Concrete Driveway	S.F.	7,500	11.50	86,250-
19	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	2.40	19,200-
20	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	48-	9,600-
21	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern A	S.F.	4,100	18-	73,800
22	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern B	S.F.	2,350	24-	56,400-
23	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern C	S.F.	1,300	25.50	33,150-
24	Bituminous Concrete Pathway	S.F.	2,600	8.50	22,100-
25	Concrete Generator Pad	S.F.	100	31.50	3,150-
26	Rip-Rap Stone Swale, 10' Wide	S.F.	6,100	5.60	34,160 area
27	Rip-Rap Stone Swale, 15' Wide	S.F.	2,000	6.50	13,000
28	Rip-Rap Apron	S.F.	1,200	6.50	7,800 area
29	Stone Driveway	S.F.	4,000	1.50	6,000-
30	Aluminum Stair Handrail	L.F.	55	160-	8,800-

BID ITEM

#

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

31	Post and Rope Barrier	L.F.	200	180 -	36,000 -
32	14' x 20' Prefabricated Shed A - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.		\$X,XXX.xx	180,000
33	14' x 20' Prefabricated Shed B - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$X,XXX.xx	180,000

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE

ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

34	Rustic Rope and Net Barrier	L.F.	180	195-	35,100-
35	8' Hight Solid Rustic Fence	L.F.	117	465-	54,405-
36	10' Hight Solid Rustic Fence	L.F.	205	495-	101,475-
37	Split Rail Fence With Wire Mesh	L.F.	200	177-	35,400-
38	10' High PVC Coated Perimeter Fence With Barbed Wire	L.F.	750	194-	145,500-
39	Rustic Entry Gate, 8' Wide	UNIT	4	6,300-	25,200-
40	Rustic Entry Net Gate, 10' Wide	UNIT	2	6,700-	13,400-
41	12' Wide Double Swing Wood Gate	UNIT	1	5,600-	5,600-
42	Relocate 12' Wide PVC Coated Perimeter Fence Double Swing Gate	L.S.	1	\$X,XXX.xx	11,300-
43	Outdoor Habitat Area with Mesh Roof, Trainer alley and Animal Run Area - Outdoor Habitat Area consists of the off-exhibit outdoor habitats areas, the trainers alley and the Animal Runs. The contractor will be responsible for all fuse bonded PVC coated fence material, all fence hardware, all man gates, all 1/4" acrylic panels, all fence ties, all overhang connections, all fencing brace rails, all fence posts, all guillotine doors, all corrugated steel roofing, all PVC coated mesh roof, all fence burrowing barriers, all PVC panels, all, hardware to hang PVC Panels, all concrete footings and all other improvements shown on the construction details sheets for this bid item.	L.S.	1	\$X,XXX.xx	575,000
44	Outdoor Habitat Area with Mesh Roof Stone Dust	C.Y.	150	105-	15,750
45	Information Sign	L.S.	1	\$X,XXX.xx	37,000-
46	Type "A" Inlet	UNIT	5	74,50	37,250-
47	2' x 2' Yard Drain	UNIT	3	5,200-	15,600-
48	12"x 12" Yard Drain - includes but is not limited to 12" x 12" sun grate and frame	UNIT	13	4,050-	52,650-

BID ITEM
#

SECTION DESCRIPTION

UNIT
MEASURE

ESTIMATE
QUANTITY

UNIT PRICE

TOTAL PRICE

49	Storm Sewer Manhole	UNIT	2	7,200-	15,400-
50	Gas Line Trench, Backfill and Restoration	L.F.	800	44,00	35,200-
51	Fire Hydrant	UNIT	1	8,600-	8,600-
52	8" Ductile Iron Water Pipe	L.F.	475	167-	79,325-
53	8" Gate Valve	UNIT	1	1450-	1,450-
54	3" CPVC Pipe Schedule 40	L.F.	65	185.-	12,025-
55	3" Gate Valve	UNIT	1	900.-	900-
56	2" CPVC Pipe Schedule 40	L.F.	40	300-	12,000-
57	2" Gate Valve	UNIT	1	675-	675-
58	6" PVC Schedule 40 Sanitary Sewer Line	L.F.	375	92.-	34,500-
59	8" HDPE PIPE	L.F.	375	131-	49,125-
60	12" HDPE Pipe	L.F.	425	146-	62,050-
61	15" HDPE Pipe	L.F.	200	133-	26,600
62	12" Diameter HDPE Flared End Section	UNIT	2	340-	680.-
63	15" Diameter HDPE Flared End Section	UNIT	2	450-	900-
64	Outlet Structure and Trash Rack (OS-1)	UNIT	1	24,500	24,500-
65	Preformed Scour hole	UNIT	2	1,000-	2,000-

BID ITEM

SECTION DESCRIPTION

UNIT MEASURE ESTIMATE QUANTITY UNIT PRICE TOTAL PRICE

66	Storm Cleanout	UNIT	3	300~	900.00
67	Sanitary Cleanout	UNIT	10	190.~	1900~
68	Prefabricated Fiberglass Duplex Lift Station	UNIT	1	94,800-	94,800
69	4" PVC Force Main	L.F.	300	124~	37,200
70	4" x 6" Sanitary Cleanout	UNIT	1	225-	225-
71	Rock Excavation	C.Y.	100	335-	33,500-
72	Composite Adirondack Bench	UNIT	10	560-	5,600~
73	Animal Habitat Accessories (See Architectural for accessory list)	L.S.	1	\$X,XXX.xx	270,000
74	Exterior Electrical Service - The installation of the electric and telco service will include but not be limited to the connection to the power sources as shown on the electrical plans, installation of the wire and conduit, manholes, handholes, trenching and backfilling, installation of the transformer pad, all exterior light fixtures, installation of telco cable and exterior GFI receptacles shown on the electrical plans and connection to the proposed facilities and any other material or labor required to install a fully working electrical service.	L.S.	1	\$X,XXX.xx	248,000
75	Landscaping	L.S.	1	\$X,XXX.xx	230,000~
76	Irrigation System - The Contractor will provide an irrigation shop drawing identifying the different irrigation zones, drip lines, sprinklers, irrigation controls, quick coupler connections, irrigation line, control valves, water connection and any piece of material needed to install a working irrigation system. The Contractor shall also include any necessary equipment to complete the work and any labor necessary to perform the work in this bid line item.	L.S.	1	\$X,XXX.xx	21,000-

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

77	Laboratory Testing/Material Testing Allowance	Allowance	1	\$100,000.00	\$100,000.00
78	Unsuitable Material Allowance	Allowance	1	\$75,000.00	\$75,000.00
79	Police Director/Officer	Allowance	1	\$50,000.00	\$50,000.00
80	PSE&G Electrical and Gas Connection Allowance	Allowance	1	\$225,000.00	\$225,000.00
Total Base Bid:					1,213,155.00

Signature

Title

PM/Bid Coordinator

Date

3/13/2020

B. Alternates* Frank A. Melhus

Deduct-Alternate "A" Remove Milling and Overlaying a Portion of the Zoo's Main Walkway

B1	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete Walkway	S.F.	8,000	1.42	(15,360)
	Remove Existing Stamp Concrete Walkway	S.F.	200	21.00	(4,200)
	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	2.40	(19,200)
	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	48.00	(9,600)

Deduct-Alternate "B" Remove Theatrical Light Fixtures off of Shade Structure

B2	Remove Theatrical Light Fixtures off of shade Structure	L.S.	1	\$X,XXX.xx	(16,000)
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Deduct-Alternate "C" Remove LED Video Screen House Left and LED Video Screen House Right

B3	Remove LED video Screen House Left and LED Video Screen House Right	L.S.	1	\$X,XXX.xx	(140,000)
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Deduct-Alternate "D" Remove Shade Structure System

B4	Remove Shade Structure System	L.S.	1	\$X,XXX.xx	(225,000)
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Deduct-Alternate "E" Remove Animal Habitat Accessories

B5	Remove Animal Habitat Accessories	L.S.	1	\$X,XXX.xx	(270,000)
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* The Contractor will be responsible for reviewing the specification section 01 23 00 - Alternates for detailed information regarding Deduct - Alternate B1, B2, B3, B4 and B5.

The signee acknowledges that the total price for each task listed in the Deduct-Alternate Items B1 thru B5 may be added to the Conservation Pavilion total base bid price at the County's sole discretion.

Signature

Title

PM/Bid Coordinator

Date

3/13/2020

Frank A. Melhus

Conservation Pavilion

BID PROPOSAL PRICING PAGE P-1

For the purpose of:

CONTRACT NO. 20-004

CONSERVATION PAVILION AT TURTLE BACK ZOO

In the **COUNTY OF ESSEX**

To the Governing Body of **COUNTY OF ESSEX**.

The Undersigned hereby declares that he has carefully examined the Advertisement, Standard Specifications, Supplementary Specifications, Plans and Form of Contract and Bond for the Project named above; that he carefully examined the site of the Project; and that he will carry out and complete said project as specified and delineated at the price per unit of measure for each scheduled item of work stated in the Schedule of Prices sheet following.

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Bidders shall submit a price for each and every bid item shown on the following Bid Pricing Worksheet. Failure to do so shall be cause for automatic disqualification of the Bid.

The undersigned proposes to furnish and deliver the above project pursuant to the bid specification in the following total amount (base bid and allowances from the following proposal page(s) / worksheet(s)):

\$ 10,359,276.20

Total Amount in numbers

Ten million Three Hundred Fifty-nine Thousand Two Hundred Seventy-six or
Total Amount written twenty cents

John O'Hara Company Inc

Company Name

Address

City

State

Zip Code

[Signature]
Signature of Authorized Agent

3/13/20

Date

James Pittman
Type or Print Name

Vice President
Title

[Redacted]
Telephone Number

[Redacted]
Fax Number

[Redacted]
E-Mail Address

Corporate Seal

MUST BE COMPLETED AND CORPORATE SEAL

BID FORM - UNIT PRICES**THE CONSTRUCTION OF THE CONSERVATION PAVILION AT TURTLE BACK ZOO
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY****BID SCHEDULE:**

To the Purchasing Agent
County of Essex
Hall of Records
Newark, New Jersey 07102

The undersigned proposes to furnish all labor, equipment and materials as indicated below and as outlined in the plans and/or specifications. The Contractor is responsible for the construction of all items shown on the plans and/or indicated within the project Manual unless identified as "By Others".

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A. BASE BID					
1	Demolition	L.S.	1	\$X,XXX.xx	183,032.20
2	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	1.75	14,000
3	Remove Existing Stamp Concrete Walkway	S.F.	200	19.15	3,830
4	Soil Erosion and Sediment Control Measures	L.S.	1	\$X,XXX.xx	30,022.25
5	Site Preparation and Earthwork including the collecting and installation of the native stone retaining walls as shown on the grading and drainage plan.	L.S.	1	\$X,XXX.xx	578,394.18
6	Stamped Concrete Compass Rose Plaza - includes but is not limited to the install of the stamped concrete and scoring the concrete in the shape of a compass.	S.F.	275	23	6,325
7	Embedded Metal Compass Letter	UNIT	4	1,930	7,720
8	Modular Concrete Block Retaining Wall	S.F.	75	196	14,700
9	Natural Stone Retaining Wall	L.S.	1	\$X,XXX.xx	29,815.20
10	1' High Concrete Curb	L.F.	600	78	46,800

BID ITEM

#

SECTION DESCRIPTION

UNIT ESTIMATE UNIT PRICE TOTAL PRICE
MEASURE QUANTITY

11	Animal Habitat Building - The facility will consist of but not be limited to foundation, stucco treatment, manufactured stone veneer, bamboo wrapped corner posts, interior and exterior walls, all masonry, all aluminum mesh panels and door system, all railing and barrier systems, all wood trusses, all roofing systems described in these plans, all exterior and interior doors, all door hardware, all interior painting and wall finishes, all exterior painting and staining, all faux wood plank veneer, interior and building mounted lighting, all the electric systems within the building, the electrical panels mounted the exterior of the building, faux wood carvings along parapet, all cast in place concrete, all building mounted exterior light fixtures, all floor finishes, installation of gas generator and its concrete pad, stainless steel refrigeration, slop sink, kitchen work including counters and sink, trainer office furniture, all interior and exterior signage, entire HVAC system, concrete troughs, all the troughs mechanical equipment and electrical equipment, all trough plumbing and electrical required to make a working trough system, skylights, gutters and roof leaders, all sheetrock, all insulation, all new interior surfaces and finishes, all plumbing and plumbing fixtures, CMU wall system with door jambs and any other improvement described within the construction documents to construct the animal habitat building. The contractor shall include in this bid item the installation and maintenance of the field offices, computers, oxbow camera and construction material testing. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the animal habitat building.	L.S.	1	\$X,XXX.xx	3,796,110.19
12	Stage Area - The stage will consist of but not be limited to concrete foundation, all carved wood art stage front, all precast columns, all stage curtains, all steel columns, the space frame canopy structure system, concrete floor, concrete walkways from guest viewing to stage, (3) set of concrete stairs along the front of the stage, all exterior paints epoxies & stains, all finishes, decorative railings and any other improvement described within the construction documents associated with the stage. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the stage area.	L.S.	1	\$X,XXX.xx	948,116.11

BID ITEM

#

SECTION DESCRIPTION**UNIT
MEASURE****ESTIMATE
QUANTITY****UNIT PRICE****TOTAL PRICE**

13	Guest Seating Area - The guest seating area will consist of but not be limited to concrete foundation, all surface mounted aluminum benches with a back rest, all surface mounted aluminum benches, all riser wall mounted aluminum benches, all riser wall mounted aluminum handrails, all concrete walls, all concrete stairs, all concrete parapets, all decorative timber post and rail barriers, decorative handrails, all aluminum stair handrails, the installation of the recessed step lights, concrete floor/sidewalks. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Guest seating area.	L.S.	1	\$X,XXX.xx	939,172.59
14	Control Booth - The control booth will consist of but not be limited to concrete foundation, all masonry, all windows, all high density urethan wood trim, all man doors, all door hardware, HVAC system, concrete floors and floor surfaces, all interior paint, all interior furnishings, all interior lighting EPDM roofing system. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the control booth.	L.S.	1	\$X,XXX.xx	140,944.53
15	Conservation Pavilion Theatrical Lighting System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion lighting system. This includes but is not limited to: the two (2) lighting towers, the concrete foundations for the lighting towers, all trenching & backfilling, all Theatrical light fixtures, all required conduit and wiring, painting all exposed conduits, securing all conduits and Theatrical lighting fixtures, installing all electric panels, installing all theatrical light control systems and any material/accessories required to provide a fully working Theatrical lighting system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	518,969.79
16	Conservation Pavilion Stage Audio and Video System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion audio system. This includes but is not limited to all LED video screens, all speakers, all subwoofers, all electric and communication wiring, all conduits, all trenching & backfilling, all audio, video and electric panels, all control boards, all stage cameras and all materials/accessories required to provide a fully working stage audio and video system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	395,975.88

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE

ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

17	Shade Canopy System - The shade canopy system will include but not be limited to four (4) integrally colored & sealed precast tree formed columns, concrete foundations for the four precast columns, all shade canopy fabric sails, all hardware to connect shade canopy sails to the precast structures, supply and install the light support rail, all excavation and backfilling and any other material/accessory required to provide a complete shade canopy system as shown on the construction documents.	L.S.	1	\$X,XXX.xx	115,263.70
18	Full Depth Bituminous Concrete Driveway	S.F.	7,500	10.30	77,250
19	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" In Depth	S.F.	8,000	2.17	17,360
20	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	44	8,800
21	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern A	S.F.	4,100	12.42	50,922
22	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern B	S.F.	2,350	12.42	29,187
23	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern C	S.F.	1,300	12.42	16,146
24	Bituminous Concrete Pathway	S.F.	2,600	7.84	20,384
25	Concrete Generator Pad	S.F.	100	29	2,900
26	Rip-Rap Stone Swale, 10' Wide	S.F.	6,100	5.16	31,476 area
27	Rip-Rap Stone Swale, 15' Wide	S.F.	2,000	5.95	11,900
28	Rip-Rap Apron	S.F.	1,200	5.95	7,140 area
29	Stone Driveway	S.F.	4,000	1.40	5,560
30	Aluminum Stair Handrail	L.F.	55	162	8,910

BID ITEM

#

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

31	Post and Rope Barrier	L.F.	200	66 ⁶⁵	13,330
32	14' x 20' Prefabricated Shed A - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.		\$X,XXX.xx	71,603.07
33	14' x 20' Prefabricated Shed B - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$X,XXX.xx	71,603.07

BID ITEM

#

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

34	Rustic Rope and Net Barrier	L.F.	180	206.50	37,170
35	8' Hight Solid Rustic Fence	L.F.	117	233	27,261
36	10' Hight Solid Rustic Fence	L.F.	205	253	51,865
37	Split Rail Fence With Wire Mesh	L.F.	200	45.55	9,110
38	10' High PVC Coated Perimeter Fence With Barbed Wire	L.F.	750	91.10	68,325
39	Rustic Entry Gate, 8' Wide	UNIT	4	5,134	20,536
40	Rustic Entry Net Gate, 10' Wide	UNIT	2	2,821	5,642
41	12' Wide Double Swing Wood Gate	UNIT	1	7,350	7,350
42	Relocate 12' Wide PVC Coated Perimeter Fence Double Swing Gate	L.S.	1	\$X,XXX.xx	10,766
43	Outdoor Habitat Area with Mesh Roof, Trainer alley and Animal Run Area - Outdoor Habitat Area consists of the off-exhibit outdoor habitats areas, the trainers alley and the Animal Runs. The contractor will be responsible for all fuse bonded PVC coated fence material, all fence hardware, all man gates, all 1/4" acrylic panels, all fence ties, all overhang connections, all fencing brace rails, all fence posts, all guillotine doors, all corrugated steel roofing, all PVC coated mesh roof, all fence burrowing barriers, all PVC panels, all, hardware to hang PVC Panels, all concrete footings and all other improvements shown on the construction details sheets for this bid item.	L.S.	1	\$X,XXX.xx	227,547.95
44	Outdoor Habitat Area with Mesh Roof Stone Dust	C.Y.	150	97	14,550
45	Information Sign	L.S.	1	\$X,XXX.xx	9,938.40
46	Type "A" Inlet	UNIT	5	6,853	34,265
47	2' x 2' Yard Drain	UNIT	3	4,762	14,286
48	12"x 12" Yard Drain - includes but is not limited to 12" x 12" sun grate and frame	UNIT	13	3,734	48,542

BID ITEM

#	SECTION DESCRIPTION	UNIT				ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
		MEASURE	MEASURE	MEASURE	MEASURE			
49	Storm Sewer Manhole	UNIT	2	6,625	13,250			
50	Gas Line Trench, Backfill and Restoration	L.F.	800	40	32,000			
51	Fire Hydrant	UNIT	1	7,867.90	7,867.90			
52	8" Ductile Iron Water Pipe	L.F.	475	153	72,675			
53	8" Gate Valve	UNIT	1	1,345.83	1,345.83			
54	3" CPVC Pipe Schedule 40	L.F.	65	170	11,050			
55	3" Gate Valve	UNIT	1	828.20	828.20			
56	2" CPVC Pipe Schedule 40	L.F.	40	272	10,880			
57	2" Gate Valve	UNIT	1	621.15	621.15			
58	6" PVC Schedule 40 Sanitary Sewer Line	L.F.	375	84.50	31,687.50			
59	8" HDPE PIPE	L.F.	375	120	45,000			
60	12" HDPE Pipe	L.F.	425	134	56,950			
61	15" HDPE Pipe	L.F.	200	122	24,400			
62	12" Diameter HDPE Flared End Section	UNIT	2	310	620			
63	15" Diameter HDPE Flared End Section	UNIT	2	414	828			
64	Outlet Structure and Trash Rack (OS-1)	UNIT	1	22,568.45	22,568.45			
65	Performed Scour hole	UNIT	2	931	1,862			

BID ITEM
#
SECTION DESCRIPTION
**UNIT
MEASURE**
**ESTIMATE
QUANTITY**
UNIT PRICE
TOTAL PRICE

66	Storm Cleanout	UNIT	3	276	828
67	Sanitary Cleanout	UNIT	10	176	1,760
68	Prefabricated Fiberglass Duplex Lift Station	UNIT	1	91,619.63	91,619.63
69	4" PVC Force Main	L.F.	300	114	34,200
70	4" x 6" Sanitary Cleanout	UNIT	1	207.05	207.05
71	Rock Excavation	C.Y.	100	309	30,900
72	Composite Adirondack Bench	UNIT	10	331	3,310
73	Animal Habitat Accessories (See Architectural for accessory list)	L.S.	1	\$X,XXX.xx	163,831.42
74	Exterior Electrical Service - The installation of the electric and teleco service will include but not be limited to the connection to the power sources as shown on the electrical plans, installation of the wire and conduit, manholes, handholes, trenching and backfilling, installation of the transformer pad, all exterior light fixtures, installation of telco cable and exterior GFI receptacles shown on the electrical plans and connection to the proposed facilities and any other material or labor required to install a fully working electrical service.	L.S.	1	\$X,XXX.xx	220,818.83
75	Landscaping	L.S.	1	\$X,XXX.xx	121,124.25
76	Irrigation System - The Contractor will provide an irrigation shop drawing identifying the different irrigation zones, drip lines, sprinklers, irrigation controls, quick coupler connections, irrigation line, control valves, water connection and any piece of material needed to install a working irrigation system. The Contractor shall also include any necessary equipment to complete the work and any labor necessary to perform the work in this bid line item.	L.S.	1	\$X,XXX.xx	55,385.88

BID ITEM

#

SECTION DESCRIPTION

UNIT MEASURE ESTIMATE QUANTITY UNIT PRICE TOTAL PRICE

77	Laboratory Testing/Material Testing Allowance	Allowance	1	\$100,000.00	\$100,000.00
78	Unsuitable Material Allowance	Allowance	1	\$75,000.00	\$75,000.00
79	Police Director/Officer	Allowance	1	\$50,000.00	\$50,000.00
80	PSE&G Electrical and Gas Connection Allowance	Allowance	1	\$225,000.00	\$225,000.00

Total Base Bid:

10,359,171.00

Signature

Title Vice President

Date 3/13/20

B. Alternates

Deduct-Alternate "A" Remove Milling and Overlaying a Portion of the Zoo's Main Walkway

B1	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete Walkway	S.F.	8,000	1.75	(14,000)
	Remove Existing Stamp Concrete Walkway	S.F.	200	19.15	(3,830)
	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	2.17	(17,360)
	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	44	(8,800)

Deduct-Alternate "B" Remove Theatrical Light Fixtures off of Shade Structure

B2	Remove Theatrical Light Fixtures off of shade Structure	L.S.	1	\$X,XXX.xx	(25,700)
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Deduct-Alternate "C" Remove LED Video Screen House Left and LED Video Screen House Right

B3	Remove LED video Screen House Left and LED Video Screen House Right	L.S.	1	\$X,XXX.xx	(90,289)
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Deduct-Alternate "D" Remove Shade Structure System

B4	Remove Shade Structure System	L.S.	1	\$X,XXX.xx	(114,824)
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Deduct-Alternate "E" Remove Animal Habitat Accessories

B5	Remove Animal Habitat Accessories	L.S.	1	\$X,XXX.xx	(158,253)
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* The Contractor will be responsible for reviewing the specification section 01 23 00 - Alternates for detailed information regarding Deduct - Alternate B1, B2, B3, B4 and B5.

The signee acknowledges that the total price for each task listed in the Deduct-Alternate Items B1 thru B5 may be added to the Conservation Pavilion total base bid price at the County's sole discretion.

Signature

Title Vice President

Date 3/13/20

BID PROPOSAL PRICING PAGE P-1

For the purpose of:

CONTRACT NO. 20-004

CONSERVATION PAVILION AT TURTLE BACK ZOO

In the **COUNTY OF ESSEX**

To the Governing Body of **COUNTY OF ESSEX**.

The Undersigned hereby declares that he has carefully examined the Advertisement, Standard Specifications, Supplementary Specifications, Plans and Form of Contract and Bond for the Project named above; that he carefully examined the site of the Project; and that he will carry out and complete said project as specified and delineated at the price per unit of measure for each scheduled item of work stated in the Schedule of Prices sheet following.

It is understood that the TOTAL PRICE stated by the undersigned is based on the estimated quantities and will control in the awarding of the Contract. It is further understood that the quantities stated in this Bid Pricing Worksheet from the following proposal page(s) starting on sheet 58, for the various items are estimated only and may be increased or decreased as provided in the Specifications.

Bidders shall submit a price for each and every bid item shown on the following Bid Pricing Worksheet. Failure to do so shall be cause for automatic disqualification of the Bid.

The undersigned proposes to furnish and deliver the above project pursuant to the bid specification in the following total amount (base bid and allowances from the following proposal page(s) / worksheet(s)):

\$ 12,957,270.28

Total Amount in numbers

TWELVE MILLION NINE HUNDRED FIFTY SEVEN THOUSAND, TWO HUNDRED SEVENTY DOLLARS AND 28/100

Total Amount written

DMD CONTRACTING LLC

Company Name

Address

City

State

Zip Code

Signature of Authorized Agent

3/13/2020

Date

MICHAEL DOBRIC

MEMBER

Type or Print Name

Title

Telephone Number

Fax Number

E-Mail Address

CORPORATE SEAL
MUST BE COMPLETED AND CORPORATE SEAL

BID FORM - UNIT PRICES

THE CONSTRUCTION OF THE CONSERVATION PAVILION AT TURTLE BACK ZOO TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

BID SCHEDULE:

To the Purchasing Agent
County of Essex
Hall of Records
Newark, New Jersey 07102

The undersigned proposes to furnish all labor, equipment and materials as indicated below and as outlined in the plans and/or specifications. The Contractor is responsible for the construction of all items shown on the plans and/or indicated within the project Manual unless identified as "By Others".

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
A. BASE BID					
1	Demolition	L.S.	1	\$176,800.00	\$176,800.00
2	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	\$1.69	\$13,520.00
3	Remove Existing Stamp Concrete Walkway	S.F.	200	\$18.50	\$3,700.00
4	Soil Erosion and Sediment Control Measures	L.S.	1	\$29,000.00	\$29,000.00
5	Site Preparation and Earthwork including the collecting and installation of the native stone retaining walls as shown on the grading and drainage plan.	L.S.	1	\$558,000.00	\$558,000.00
6	Stamped Concrete Compass Rose Plaza - includes but is not limited to the install of the stamped concrete and scoring the concrete in the shape of a compass.	S.F.	275	\$58.55	\$16,101.25
7	Embedded Metal Compass Letter	UNIT	4	\$1,925.00	\$7,700.00
8	Modular Concrete Block Retaining Wall	S.F.	75	\$189.33	\$14,199.75
9	Natural Stone Retaining Wall	L.S.	1	\$28,800.00	\$28,800.00
10	1' High Concrete Curb	L.F.	600	\$75.33	\$45,198.00

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE ESTIMATE QUANTITY UNIT PRICE TOTAL PRICE

11	Animal Habitat Building - The facility will consist of but not be limited to foundation, stucco treatment, manufactured stone veneer, bamboo wrapped corner posts, interior and exterior walls, all masonry, all aluminum mesh panels and door system, all railing and barrier systems, all wood trusses, all roofing systems described in these plans, all exterior and interior doors, all door hardware, all interior painting and wall finishes, all exterior painting and staining, all faux wood plank veneer, interior and building mounted lighting, all the electric systems within the building, the electrical panels mounted the exterior of the building, faux wood carvings along parapet, all cast in place concrete, all building mounted exterior light fixtures, all floor finishes, installation of gas generator and its concrete pad, stainless steel refrigeration, slop sink, kitchen work including counters and sink, trainer office furniture, all interior and exterior signage, entire HVAC system, concrete troughs, all the troughs mechanical equipment and electrical equipment, all trough plumbing and electrical required to make a working trough system, skylights, gutters and roof leaders, all sheetrock, all insulation, all new interior surfaces and finishes, all plumbing and plumbing fixtures, CMU wall system with door jambs and any other improvement described within the construction documents to construct the animal habitat building. The contractor shall include in this bid item the installation and maintenance of the field offices, computers, oxbow camera and construction material testing. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the animal habitat building.	L.S.	1	\$4,745,640.00	\$4,745,640.00
12	Stage Area - The stage will consist of but not be limited to concrete foundation, all carved wood art stage front, all precast columns, all stage curtains, all steel columns, the space frame canopy structure system, concrete floor, concrete walkways from guest viewing to stage, (3) set of concrete stairs along the front of the stage, all exterior paints epoxies & stains, all finishes, decorative railings and any other improvement described within the construction documents associated with the stage. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the stage area.	L.S.	1	\$616,625.00	\$616,625.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
13	Guest Seating Area - The guest seating area will consist of but not be limited to concrete foundation, all surface mounted aluminum benches with a back rest, all surface mounted aluminum benches, all riser wall mounted aluminum benches, all riser wall mounted aluminum handrails, all concrete walls, all concrete stairs, all concrete parapets, all decorative timber post and rail barriers, decorative handrails, all aluminum stair handrails, the installation of the recessed step lights, concrete floor/sidewalks. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Guest seating area.	L.S.	1	\$1,160,975.00	\$1,160,975.00
14	Control Booth - The control booth will consist of but not be limited to concrete foundation, all masonry, all windows, all high density urethan wood trim, all man doors, all door hardware, HVAC system, concrete floors and floor surfaces, all interior paint, all interior furnishings, all interior lighting EPDM roofing system. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the control booth.	L.S.	1	\$234,437.50	\$234,437.50
15	Conservation Pavilion Theatrical Lighting System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion lighting system. This includes but is not limited to: the two (2) lighting towers, the concrete foundations for the lighting towers, all trenching & backfilling, all Theatrical light fixtures, all required conduit and wiring, painting all exposed conduits, securing all conduits and Theatrical lighting fixtures, installing all electric panels, installing all theatrical light control systems and any material/accessories required to provide a fully working Theatrical lighting system as shown in the construction documents.	L.S.	1	\$751,250.00	\$751,250.00
16	Conservation Pavilion Stage Audio and Video System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion audio system. This includes but is not limited to all LED video screens, all speakers, all subwoofers, all electric and communication wiring, all conduits, all trenching & backfilling, all audio, video and electric panels, all control boards, all stage cameras and all materials/accessories required to provide a fully working stage audio and video system as shown in the construction documents.	L.S.	1	\$1,262,500.00	\$1,262,500.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
17	Shade Canopy System - The shade canopy system will include but not be limited to four (4) integrally colored & sealed precast tree formed columns, concrete foundations for the four precast columns, all shade canopy/fabric sails, all hardware to connect shade canopy sails to the precast structures, supply and install the light support rail, all excavation and backfilling and any other material/accessory required to provide a complete shade canopy system as shown on the construction documents.	L.S.	1	\$22,625.00	\$22,625.00
18	Full Depth Bituminous Concrete Driveway	S.F.	7,500	\$9.97	\$74,775.00
19	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	\$2.10	\$16,800.00
20	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	\$42.50	\$8,500.00
21	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern A	S.F.	4,100	\$22.50	\$92,250.00
22	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern B	S.F.	2,350	\$22.50	\$52,875.00
23	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern C	S.F.	1,300	\$22.50	\$29,250.00
24	Bituminous Concrete Pathway	S.F.	2,600	\$7.58	\$19,708.00
25	Concrete Generator Pad	S.F.	100	\$28.00	\$2,800.00
26	Rip-Rap Stone Swale, 10' Wide	S.F.	6,100	\$5.50	\$33,550.00 area
27	Rip-Rap Stone Swale, 15' Wide	S.F.	2,000	\$5.50	\$11,000.00
28	Rip-Rap Apron	S.F.	1,200	\$5.50	\$6,600.00 area
29	Stone Driveway	S.F.	4,000	\$1.35	\$5,400.00
30	Aluminum Stair Handrail	L.F.	55	\$175.00	\$9,625.00

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE

ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

31	Post and Rope Barrier	L.F.	200	\$200.00	\$40,000.00
32	14' x 20' Prefabricated Shed A - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$63,750.00	\$63,750.00
33	14' x 20' Prefabricated Shed B - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$62,500.00	\$62,500.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
34	Rustic Rope and Net Barrier	L.F.	180	\$200.00	\$36,000.00
35	8' Hight Solid Rustic Fence	L.F.	117	\$475.00	\$55,575.00
36	10' Hight Solid Rustic Fence	L.F.	205	\$460.00	\$94,300.00
37	Split Rail Fence With Wire Mesh	L.F.	200	\$175.00	\$35,000.00
38	10' High PVC Coated Perimeter Fence With Barbed Wire	L.F.	750	\$180.00	\$135,000.00
39	Rustic Entry Gate, 8' Wide	UNIT	4	\$6,200.00	\$24,800.00
40	Rustic Entry Net Gate, 10' Wide	UNIT	2	\$2,000.00	\$4,000.00
41	12' Wide Double Swing Wood Gate	UNIT	1	\$2,000.00	\$2,000.00
42	Relocate 12' Wide PVC Coated Perimeter Fence Double Swing Gate	L.S.	1	\$800.00	\$800.00
43	Outdoor Habitat Area with Mesh Roof, Trainer alley and Animal Run Area - Outdoor Habitat Area consists of the off-exhibit outdoor habitats areas, the trainers alley and the Animal Runs. The contractor will be responsible for all fuse bonded PVC coated fence material, all fence hardware, all man gates, all 1/4" acrylic panels, all fence ties, all overhang connections, all fencing brace rails, all fence posts, all guillotine doors, all corrugated steel roofing, all PVC coated mesh roof, all fence burrowing barriers, all PVC panels, all hardware to hang PVC Panels, all concrete footings and all other improvements shown on the construction details sheets for this bid item.	L.S.	1	\$620,000.00	\$620,000.00
44	Outdoor Habitat Area with Mesh Roof Stone Dust	C.Y.	150	\$93.33	\$13,999.50
45	Information Sign	L.S.	1		
46	Type "A" Inlet	UNIT	5	\$6,620.00	\$33,100.00
47	2' x 2' Yard Drain	UNIT	3	\$4,600.00	\$13,800.00
48	12"x 12" Yard Drain - includes but is not limited to 12" x 12" sun grate and frame	UNIT	13	\$3,607.69	\$46,899.97

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
49	Storm Sewer Manhole	UNIT	2	\$6,400.00	\$12,800.00
50	Gas Line Trench, Backfill and Restoration	L.F.	800	\$39.00	\$31,200.00
51	Fire Hydrant	UNIT	1	\$7,600.00	\$7,600.00
52	8" Ductile Iron Water Pipe	L.F.	475	\$148.42	\$70,499.50
53	8" Gate Valve	UNIT	1	\$1,300.00	\$1,300.00
54	3" CPVC Pipe Schedule 40	L.F.	65	\$164.62	\$10,700.30
55	3" Gate Valve	UNIT	1	\$800.00	\$800.00
56	2" CPVC Pipe Schedule 40	L.F.	40	\$262.50	\$10,500.00
57	2" Gate Valve	UNIT	1	\$600.00	\$600.00
58	6" PVC Schedule 40 Sanitary Sewer Line	L.F.	375	\$81.60	\$30,600.00
59	8" HDPE PIPE	L.F.	375	\$116.27	\$43,601.25
60	12" HDPE Pipe	L.F.	425	\$129.65	\$55,101.25
61	15" HDPE Pipe	L.F.	200	\$118.50	\$23,700.00
62	12" Diameter HDPE Flared End Section	UNIT	2	\$300.00	\$600.00
63	15" Diameter HDPE Flared End Section	UNIT	2	\$400.00	\$800.00
64	Outlet Structure and Trash Rack (OS-1)	UNIT	1	\$21,800.00	\$21,800.00
65	Preformed Scour hole	UNIT	2	\$900.00	\$1,800.00

BID ITEM		SECTION DESCRIPTION		UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
#							
66		Storm Cleanout		UNIT	3	\$266.67	\$800.01
67		Sanitary Cleanout		UNIT	10	\$170.00	\$1,700.00
68		Prefabricated Fiberglass Duplex Lift Station		UNIT	1	\$88,500.00	\$88,500.00
69		4" PVC Force Main		L.F.	300	\$110.33	\$33,099.00
70		4" x 6" Sanitary Cleanout		UNIT	1	\$950.00	\$950.00
71		Rock Excavation		C.Y.	100	\$200.00	\$20,000.00
72		Composite Adirondack Bench		UNIT	10	\$300.00	\$3,000.00
73		Animal Habitat Accessories (See Architectural for accessory list)		L.S.	1		
74		Exterior Electrical Service - The installation of the electric and telco service will include but not be limited to the connection to the power sources as shown on the electrical plans, installation of the wire and conduit, manholes, handholes, trenching and backfilling, installation of the transformer pad, all exterior light fixtures, installation of telco cable and exterior GFI receptacles shown on the electrical plans and connection to the proposed facilities and any other material or labor required to install a fully working electrical service.		L.S.	1	\$255,700.00	\$255,700.00
75		Landscaping		L.S.	1	\$99,180.00	\$99,180.00
76		Irrigation System - The Contractor will provide an irrigation shop drawing identifying the different irrigation zones, drip lines, sprinklers, irrigation controls, quick coupler connections, irrigation line, control valves, water connection and any piece of material needed to install a working irrigation system. The Contractor shall also include any necessary equipment to complete the work and any labor necessary to perform the work in this bid line item.		L.S.	1	\$70,610.00	\$70,610.00

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE ESTIMATE QUANTITY UNIT PRICE TOTAL PRICE

77	Laboratory Testing/Material Testing Allowance	Allowance	1	\$100,000.00	\$100,000.00
78	Unsuitable Material Allowance	Allowance	1	\$75,000.00	\$75,000.00
79	Police Director/Officer	Allowance	1	\$50,000.00	\$50,000.00
80	PSE&G Electrical and Gas Connection Allowance	Allowance	1	\$225,000.00	\$225,000.00
Total Base Bid:					\$12,957,270.28

Signature

Title MEMBER

Date 3/13/2020

B. Alternates* MICHAEL DOBRIC

Deduct-Alternate "A" Remove Milling and Overlaying a Portion of the Zoo's Main Walkway					
B1	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete Walkway	S.F.	8,000	\$1.50	(\$12,000.00)
	Remove Existing Stamp Concrete Walkway	S.F.	200	\$5.00	(\$1,000.00)
	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	\$1.75	(\$14,000.00)
	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	\$6.00	(\$1,200.00)
Deduct-Alternate "B" Remove Theatrical Light Fixtures off of Shade Structure					
B2	Remove Theatrical Light Fixtures off of shade Structure	L.S.	1	\$20,000.00	(\$20,000.00)
Deduct-Alternate "C" Remove LED Video Screen House Left and LED Video Screen House Right					
B3	Remove LED video Screen House Left and LED Video Screen House Right	L.S.	1	\$265,000.00	(\$265,000.00)
Deduct-Alternate "D" Remove Shade Structure System					
B4	Remove Shade Structure System	L.S.	1	\$18,000.00	(\$18,000.00)
Deduct-Alternate "E" Remove Animal Habitat Accessories					
B5	Remove Animal Habitat Accessories	L.S.	1	\$253,000.00	(\$253,000.00)

* The Contractor will be responsible for reviewing the specification section 01 23 00 - Alternates for detailed information regarding Deduct - Alternate B1, B2, B3, B4 and B5.

The signer acknowledges that the total price for each task listed in the Deduct-Alternate Items B1 thru B5 may be added to the Conservation Pavilion total base bid price at the County's sole discretion.

Signature

Title MEMBER

Date 3/13/2020

MICHAEL DOBRIC

Conservation Pavilion

BID PROPOSAL PRICING PAGE P-1

For the purpose of:

CONTRACT NO. 20-004

CONSERVATION PAVILION AT TURTLE BACK ZOO

In the **COUNTY OF ESSEX**

To the Governing Body of **COUNTY OF ESSEX**.

The Undersigned hereby declares that he has carefully examined the Advertisement, Standard Specifications, Supplementary Specifications, Plans and Form of Contract and Bond for the Project named above; that he carefully examined the site of the Project; and that he will carry out and complete said project as specified and delineated at the price per unit of measure for each scheduled item of work stated in the Schedule of Prices sheet following.

It is understood that the TOTAL PRICE stated by the undersigned is based on the estimated quantities and will control in the awarding of the Contract. It is further understood that the quantities stated in this Bid Pricing Worksheet from the following proposal page(s) starting on sheet 58, for the various items are estimated only and may be increased or decreased as provided in the Specifications.

Bidders shall submit a price for each and every bid item shown on the following Bid Pricing Worksheet. Failure to do so shall be cause for automatic disqualification of the Bid.

The undersigned proposes to furnish and deliver the above project pursuant to the bid specification in the following total amount (base bid and allowances from the following proposal page(s) / worksheet(s)):

\$ 11,670,000.00

Total Amount in numbers

ELEVEN MILLION SIX HUNDRED SEVENTY THOUSAND DOLLARS

Total Amount written

ALNA Construction Corp.

Company Name

Address

City

State

Zip Code

Rajesh G. Shah
Signature of Authorized Agent

03/13/2020

Date

Rajesh G. Shah
Type or Print Name

Vice President
Title

[Redacted]
Telephone Number

[Redacted]
Fax Number

[Redacted]
E-Mail Address

Corporate Seal

MUST BE COMPLETED AND CORPORATE SEAL

BID FORM - UNIT PRICES

THE CONSTRUCTION OF THE CONSERVATION PAVILION AT TURTLE BACK ZOO
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

BID SCHEDULE:

To the Purchasing Agent
County of Essex
Hall of Records
Newark, New Jersey 07102

The undersigned proposes to furnish all labor, equipment and materials as indicated below and as outlined in the plans and/or specifications. The Contractor is responsible for the construction of all items shown on the plans and/or indicated within the project Manual unless identified as "By Others".

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
A. BASE BID					
1	Demolition	L.S.	1	\$X,XXX.xx	176,800.00
2	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	1.69	13,520.00
3	Remove Existing Stamp Concrete Walkway	S.F.	200	18.50	3,700.00
4	Soil Erosion and Sediment Control Measures	L.S.	1	\$X,XXX.xx	29,000.00
5	Site Preparation and Earthwork including the collecting and installation of the native stone retaining walls as shown on the grading and drainage plan.	L.S.	1	\$X,XXX.xx	558,700.00
6	Stamped Concrete Compass Rose Plaza - includes but is not limited to the install of the stamped concrete and scoring the concrete in the shape of a compass.	S.F.	275	58.60	16,115.00
7	Embedded Metal Compass Letter	UNIT	4	1,925.00	7,700.00
8	Modular Concrete Block Retaining Wall	S.F.	75	190.00	14,250.00
9	Natural Stone Retaining Wall	L.S.	1	\$X,XXX.xx	28,800.00
10	1' High Concrete Curb	L.F.	600	75.35	45,210.00

**BID ITEM
#**

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

11	Animal Habitat Building - The facility will consist of but not be limited to foundation, stucco treatment, manufactured stone veneer, bamboo wrapped corner posts, interior and exterior walls, all masonry, all aluminum mesh panels and door system, all railing and barrier systems, all wood trusses, all roofing systems described in these plans, all exterior and interior doors, all door hardware, all interior painting and wall finishes, all exterior painting and staining, all faux wood plank veneer, interior and building mounted lighting, all the electric systems within the building, the electrical panels mounted the exterior of the building, faux wood carvings along parapet, all cast in place concrete, all building mounted exterior light fixtures, all floor finishes, installation of gas generator and its concrete pad, stainless steel refrigeration, slop sink, kitchen work including counters and sink, trainer office furniture, all interior and exterior signage, entire HVAC system, concrete troughs, all the troughs mechanical equipment and electrical equipment, all trough plumbing and electrical required to make a working trough system, skylights, gutters and roof leaders, all sheetrock, all insulation, all new interior surfaces and finishes, all plumbing and plumbing fixtures, CMU wall system with door jambs and any other improvement described within the construction documents to construct the animal habitat building. The contractor shall include in this bid item the installation and maintenance of the field offices, computers, oxblood camera and construction material testing. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the animal habitat building.	L.S.	1	\$X,XXX.xx	4,713,599.00
12	Stage Area - The stage will consist of but not be limited to concrete foundation, all carved wood art stage front, all precast columns, all stage curtains, all steel columns, the space frame canopy structure system, concrete floor, concrete walkways from guest viewing to stage, (3) set of concrete stairs along the front of the stage. all exterior paints epoxies & stains, all finishes, decorative railings and any other improvement described within the construction documents associated with the stage. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the stage area.	L.S.	1	\$X,XXX.xx	849,000.00

**BID ITEM
#**

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

13	Guest Seating Area - The guest seating area will consist of but not be limited to concrete foundation, all surface mounted aluminum benches with a back rest, all surface mounted aluminum benches, all riser wall mounted aluminum benches, all riser wall mounted aluminum handrails, all concrete walls, all concrete stairs, all concrete parapets, all decorative timber post and rail barriers, decorative handrails, all aluminum stair handrails, the installation of the recessed step lights, concrete floor/sidewalks. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Guest seating area.	L.S.	1	\$X,XXX.xx	886,000.00
14	Control Booth - The control booth will consist of but not be limited to concrete foundation, all masonry, all windows, all high density urethan wood trim, all man doors, all door hardware, HVAC system, concrete floors and floor surfaces, all interior paint, all interior furnishings, all interior lighting EPDM roofing system. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the control booth.	L.S.	1	\$X,XXX.xx	186,000.00
15	Conservation Pavilion Theatrical Lighting System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion lighting system. This includes but is not limited to: the two (2) lighting towers, the concrete foundations for the lighting towers, all trenching & backfilling, all Theatrical light fixtures, all required conduit and wiring, painting all exposed conduits, securing all conduits and Theatrical lighting fixtures, installing all electric panels, installing all theatrical light control systems and any material/accessories required to provide a fully working Theatrical lighting system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	568,000.00
16	Conservation Pavilion Stage Audio and Video System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavilion audio system. This includes but is not limited to all LED video screens, all speakers, all subwoofers, all electric and communication wiring, all conduits, all trenching & backfilling, all audio, video and electric panels, all control boards, all stage cameras and all materials/accessories required to provide a fully working stage audio and video system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	525,000.00

BID ITEM
#

SECTION DESCRIPTION

UNIT
MEASURE

ESTIMATE
QUANTITY

UNIT PRICE

TOTAL PRICE

17	Shade Canopy System - The shade canopy system will include but not be limited to four (4) integrally colored & sealed precast tree formed columns, concrete foundations for the four precast columns, all shade canopy fabric sails, all hardware to connect shade canopy sails to the precast structures, supply and install the light support rail, all excavation and backfilling and any other material/accessory required to provide a complete shade canopy system as shown on the construction documents.	L.S.	1	\$X,XXX.xx	180,000.00
18	Full Depth Bituminous Concrete Driveway	S.F.	7,500	9.97	74,775.00
19	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	2.10	16,800.00
20	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	42.50	8,500.00
21	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern A	S.F.	4,100	15.78	64,698.00
22	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern B	S.F.	2,350	21.40	50,290.00
23	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern C	S.F.	1,300	22.80	29,640.00
24	Bituminous Concrete Pathway	S.F.	2,600	7.58	19,708.00
25	Concrete Generator Pad	S.F.	100	28.00	2,800.00
26	Rip-Rap Stone Swale, 10' Wide	S.F.	6,100	5.00	30,500.00 area
27	Rip-Rap Stone Swale, 15' Wide	S.F.	2,000	5.75	11,500.00
28	Rip-Rap Apron	S.F.	1,200	5.75	6,900.00 area
29	Stone Driveway	S.F.	4,000	1.35	5,400.00
30	Aluminum Stair Handrail	L.F.	55	200.00	11,000.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
31	Post and Rope Barrier	L.F.	200	175.00	35,000.00
32	14' x 20' Prefabricated Shed A - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.		\$X,XXX.xx	58,500.00
33	14' x 20' Prefabricated Shed B - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$X,XXX.xx	58,500.00

**BID ITEM
#**

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

34	Rustic Rope and Net Barrier	L.F.	180	170.00	30,600.00
35	8' Hight Solid Rustic Fence	L.F.	117	423.00	49,491.00
36	10' Hight Solid Rustic Fence	L.F.	205	325.00	66,625.00
37	Split Rail Fence With Wire Mesh	L.F.	200	39.00	7,800.00
38	10' High PVC Coated Perimeter Fence With Barbed Wire	L.F.	750	99.00	74,250.00
39	Rustic Entry Gate, 8' Wide	UNIT	4	6,725.00	26,900.00
40	Rustic Entry Net Gate, 10' Wide	UNIT	2	6,750.00	13,500.00
41	12' Wide Double Swing Wood Gate	UNIT	1	7,100.00	7,100.00
42	Relocate 12' Wide PVC Coated Perimeter Fence Double Swing Gate	L.S.	1	\$X,XXX.xx	3,500.00
43	Outdoor Habitat Area with Mesh Roof, Trainer alley and Animal Run Area - Outdoor Habitat Area consists of the off-exhibit outdoor habitats areas, the trainers alley and the Animal Runs. The contractor will be responsible for all fuse bonded PVC coated fence material, all fence hardware, all man gates, all 1/4" acrylic panels, all fence ties, all overhang connections, all fencing brace rails, all fence posts, all guillotine doors, all corrugated steel roofing, all PVC coated mesh roof, all fence burrowing barriers, all PVC panels, all, hardware to hang PVC Panels, all concrete footings and all other improvements shown on the construction details sheets for this bid item.	L.S.	1	\$X,XXX.xx	400,000.00
44	Outdoor Habitat Area with Mesh Roof Stone Dust	C.Y.	150	94.00	14,100.00
45	Information Sign	L.S.	1	\$X,XXX.xx	11,000.00
46	Type "A" Inlet	UNIT	5	6,620.00	33,100.00
47	2' x 2' Yard Drain	UNIT	3	4,600.00	13,800.00
48	12"x 12" Yard Drain - includes but is not limited to 12" x 12" sun grate and frame	UNIT	13	3,608.00	46,904.00

BID ITEM

SECTION DESCRIPTION

**UNIT
MEASURE**

**ESTIMATE
QUANTITY**

UNIT PRICE

TOTAL PRICE

49	Storm Sewer Manhole	UNIT	2	6,400.00	12,800.00
50	Gas Line Trench, Backfill and Restoration	L.F.	800	39.00	31,200.00
51	Fire Hydrant	UNIT	1	7,600.00	7,600.00
52	8" Ductile Iron Water Pipe	L.F.	475	149.00	70,775.00
53	8" Gate Valve	UNIT	1	1,300.00	1,300.00
54	3" CPVC Pipe Schedule 40	L.F.	65	164.60	10,699.00
55	3" Gate Valve	UNIT	1	800.00	800.00
56	2" CPVC Pipe Schedule 40	L.F.	40	262.50	10,500.00
57	2" Gate Valve	UNIT	1	600.00	600.00
58	6" PVC Schedule 40 Sanitary Sewer Line	L.F.	375	81.60	30,600.00
59	8" HDPE PIPE	L.F.	375	116.00	43,500.00
60	12" HDPE Pipe	L.F.	425	130.00	55,250.00
61	15" HDPE Pipe	L.F.	200	118.50	23,700.00
62	12" Diameter HDPE Flared End Section	UNIT	2	300.00	600.00
63	15" Diameter HDPE Flared End Section	UNIT	2	400.00	800.00
64	Outlet Structure and Trash Rack (OS-1)	UNIT	1	21,800.00	21,800.00
65	Preformed Scour hole	UNIT	2	900.00	1,800.00

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE

ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

66	Storm Cleanout	UNIT	3	267.00	801.00
67	Sanitary Cleanout	UNIT	10	170.00	1,700.00
68	Prefabricated Fiberglass Duplex Lift Station	UNIT	1	88,500.00	88,500.00
69	4" PVC Force Main	L.F.	300	110.00	33,000.00
70	4" x 6" Sanitary Cleanout	UNIT	1	200.00	200.00
71	Rock Excavation	C.Y.	100	299.00	29,900.00
72	Composite Adirondack Bench	UNIT	10	1,000.00	10,000.00
73	Animal Habitat Accessories (See Architectural for accessory list)	L.S.	1	\$X,XXX.xx	175,000.00
74	Exterior Electrical Service - The installation of the electric and teleco service will include but not be limited to the connection to the power sources as shown on the electrical plans, installation of the wire and conduit, manholes, handholes, trenching and backfilling, installation of the transformer pad, all exterior light fixtures, installation of telco cable and exterior GFI receptacles shown on the electrical plans and connection to the proposed facilities and any other material or labor required to install a fully working electrical service.	L.S.	1	\$X,XXX.xx	204,000.00
75	Landscaping	L.S.	1	\$X,XXX.xx	200,000.00
76	Irrigation System - The Contractor will provide an irrigation shop drawing identifying the different irrigation zones, drip lines, sprinklers, irrigation controls, quick coupler connections, irrigation line, control valves, water connection and any piece of material needed to install a working irrigation system. The Contractor shall also include any necessary equipment to complete the work and any labor necessary to perform the work in this bid line item.	L.S.	1	\$X,XXX.xx	68,000.00

BID ITEM #

SECTION DESCRIPTION

UNIT MEASURE

ESTIMATE QUANTITY

UNIT PRICE

TOTAL PRICE

77	Laboratory Testing/Material Testing Allowance	Allowance	1	\$100,000.00	\$100,000.00
78	Unsuitable Material Allowance	Allowance	1	\$75,000.00	\$75,000.00
79	Police Director/Officer	Allowance	1	\$50,000.00	\$50,000.00
80	PSE&G Electrical and Gas Connection Allowance	Allowance	1	\$225,000.00	\$225,000.00

Total Base Bid:

\$ 11,670,000.00

Signature

Rajesh G. Shah

Title

Vice President

Date 03/13/2020

Rajesh G. Shah

B. Alternates*

Deduct-Alternate "A" Remove Milling and Overlaying a Portion of the Zoo's Main Walkway

B1	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete Walkway	S.F.	8,000	\$1.69	(\$13,520.00)
	Remove Existing Stamp Concrete Walkway	S.F.	200	\$18.50	(\$3,700.00)
	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	\$2.10	(\$16,800.00)
	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	\$42.50	(\$8,500.00)

Deduct-Alternate "B" Remove Theatrical Light Fixtures off of Shade Structure

B2	Remove Theatrical Light Fixtures off of shade Structure	L.S.	1	\$X,XXX.xx	(\$13,800.00)
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Deduct-Alternate "C" Remove LED Video Screen House Left and LED Video Screen House Right

B3	Remove LED video Screen House Left and LED Video Screen House Right	L.S.	1	\$X,XXX.xx	(\$96,000.00)
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Deduct-Alternate "D" Remove Shade Structure System

B4	Remove Shade Structure System	L.S.	1	\$X,XXX.xx	(\$180,000.00)
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Deduct-Alternate "E" Remove Animal Habitat Accessories

B5	Remove Animal Habitat Accessories	L.S.	1	\$X,XXX.xx	()
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* The Contractor will be responsible for reviewing the specification section 01 23 00 - Alternates for detailed information regarding Deduct - Alternate B1, B2, B3, B4 and B5.

The signer acknowledges that the total price for each task listed in the Deduct-Alternate Items B1 thru B5 may be added to the Conservation Pavilion total base bid price at the County's sole discretion.

Signature

Rajesh G. Shah

Title

Vice President

Date 03/13/2020

Rajesh G. Shah

Conservation Pavilion

BID PROPOSAL PRICING PAGE P-1

For the purpose of:

CONTRACT NO. 20-004

CONSERVATION PAVILION AT TURTLE BACK ZOO

In the **COUNTY OF ESSEX**

To the Governing Body of **COUNTY OF ESSEX**.

The Undersigned hereby declares that he has carefully examined the Advertisement, Standard Specifications, Supplementary Specifications, Plans and Form of Contract and Bond for the Project named above; that he carefully examined the site of the Project; and that he will carry out and complete said project as specified and delineated at the price per unit of measure for each scheduled item of work stated in the Schedule of Prices sheet following.

It is understood that the TOTAL PRICE stated by the undersigned is based on the estimated quantities and will control in the awarding of the Contract. It is further understood that the quantities stated in this Bid Pricing Worksheet from the following proposal page(s) starting on sheet 58, for the various items are estimated only and may be increased or decreased as provided in the Specifications.

Bidders shall submit a price for each and every bid item shown on the following Bid Pricing Worksheet. Failure to do so shall be cause for automatic disqualification of the Bid.

The undersigned proposes to furnish and deliver the above project pursuant to the bid specification in the following total amount (base bid and allowances from the following proposal page(s) / worksheet(s)):

\$ 10,150,000

Total Amount in numbers

Ten million One Hundred Fifty Thousand.

Total Amount written

Terminal Construction Corporation

Company Name

[Redacted]

Address

[Redacted]

City

[Signature]

State

Zip Code

March 13, 2020

Date

Signature of Authorized Agent

Donald N. Dinallo

President and CEO

Type or Print Name

Title

Telephone Number

Fax Number

E-Mail Address

Corporate Seal

MUST BE COMPLETED AND CORPORATE SEAL

BID FORM - UNIT PRICES

**THE CONSTRUCTION OF THE CONSERVATION PAVILION AT TURTLE BACK ZOO
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY**

BID SCHEDULE:

To the Purchasing Agent
County of Essex
Hall of Records
Newark, New Jersey 07102

The undersigned proposes to furnish all labor, equipment and materials as indicated below and as outlined in the plans and/or specifications. The Contractor is responsible for the construction of all items shown on the plans and/or indicated within the project Manual unless identified as "By Others".

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
A. BASE BID					
1	Demolition	L.S.	1	\$X,XXX.xx	\$176,800.00
2	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	\$1.69	\$13,520
3	Remove Existing Stamp Concrete Walkway	S.F.	200	\$18.50	\$3,700
4	Soil Erosion and Sediment Control Measures	L.S.	1	\$X,XXX.xx	\$29,000
5	Site Preparation and Earthwork including the collecting and installation of the native stone retaining walls as shown on the grading and drainage plan.	L.S.	1	\$X,XXX.xx	600,000 3/13/20 DA
6	Stamped Concrete Compass Rose Plaza - includes but is not limited to the install of the stamped concrete and scoring the concrete in the shape of a compass.	S.F.	275	\$59.00	\$16,225
7	Embedded Metal Compass Letter	UNIT	4	\$1925.00	\$7,700
8	Modular Concrete Block Retaining Wall	S.F.	75	\$189.00	\$14,175
9	Natural Stone Retaining Wall	L.S.	1	\$X,XXX.xx	\$28,800
10	1' High Concrete Curb	L.F.	600	\$75.00	\$45,000

BID ITEM
#

SECTION DESCRIPTION

UNIT
MEASURE

ESTIMATE
QUANTITY

UNIT PRICE

TOTAL PRICE

11	Animal Habitat Building - The facility will consist of but not be limited to foundation, stucco treatment, manufactured stone veneer, bamboo wrapped corner posts, interior and exterior walls, all masonry, all aluminum mesh panels and door system, all railing and barrier systems, all wood trusses, all roofing systems described in these plans, all exterior and interior doors, all door hardware, all interior painting and wall finishes, all exterior painting and staining, all faux wood plank veneer, interior and building mounted lighting, all the electric systems within the building, the electrical panels mounted the exterior of the building, faux wood carvings along parapet, all cast in place concrete, all building mounted exterior light fixtures, all floor finishes, installation of gas generator and its concrete pad, stainless steel refrigeration, slop sink, kitchen work including counters and sink, trainer office furniture, all interior and exterior signage, entire HVAC system, concrete troughs, all the troughs mechanical equipment and electrical equipment, all trough plumbing and electrical required to make a working trough system, skylights, gutters and roof leaders, all sheetrock, all insulation, all new interior surfaces and finishes, all plumbing and plumbing fixtures, CMU wall system with door jambs and any other improvement described within the construction documents to construct the animal habitat building. The contractor shall include in this bid item the installation and maintenance of the field offices, computers, oxblood camera and construction material testing. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the animal habitat building.	L.S.	1	\$X,XXX.xx	3,750,000
12	Stage Area - The stage will consist of but not be limited to concrete foundation, all carved wood art stage front, all precast columns, all stage curtains, all steel columns, the space frame canopy structure system, concrete floor, concrete walkways from guest viewing to stage, (3) set of concrete stairs along the front of the stage. all exterior paints epoxies & stains, all finishes, decorative railings and any other improvement described within the construction documents associated with the stage. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the stage area.	L.S.	1	\$X,XXX.xx	625,000

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
13	Guest Seating Area - The guest seating area will consist of but not be limited to concrete foundation, all surface mounted aluminum benches with a back rest, all surface mounted aluminum benches, all riser wall mounted aluminum benches, all riser wall mounted aluminum handrails, all concrete walls, all concrete stairs, all concrete parapets, all decorative timber post and rail barriers, decorative handrails, all aluminum stair handrails, the installation of the recessed step lights, concrete floor/sidewalks. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Guest seating area.	L.S.	1	\$X,XXX.xx	725,000
14	Control Booth - The control booth will consist of but not be limited to concrete foundation, all masonry, all windows, all high density urethan wood trim, all man doors, all door hardware, HVAC system, concrete floors and floor surfaces, all interior paint, all interior furnishings, all interior lighting EPDM roofing system. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the control booth.	L.S.	1	\$X,XXX.xx	250,000
15	Conservation Pavillion Theatrical Lighting System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavillion lighting system. This includes but is not limited to: the two (2) lighting towers, the concrete foundations for the lighting towers, all trenching & backfilling, all Theatrical light fixtures, all required conduit and wiring, painting all exposed conduits, securing all conduits and Theatrical lighting fixtures, installing all electric panels, installing all theatrical light control systems and any material/accessories required to provide a fully working Theatrical lighting system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	495,000
16	Conservation Pavillion Stage Audio and Video System - The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the Conservation Pavillion audio system. This includes but is not limited to all LED video screens, all speakers, all subwoofers, all electric and communication wiring, all conduits, all trenching & backfilling, all audio, video and electric panels, all control boards, all stage cameras and all materials/accessories required to provide a fully working stage audio and video system as shown in the construction documents.	L.S.	1	\$X,XXX.xx	395,000

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
17	Shade Canopy System - The shade canopy system will include but not be limited to four (4) integrally colored & sealed precast tree formed columns, concrete foundations for the four precast columns, all shade canopy fabric sails, all hardware to connect shade canopy sails to the precast structures, supply and install the light support rail, all excavation and backfilling and any other material/accessory required to provide a complete shade canopy system as shown on the construction documents.	L.S.	1	\$X,XXX.xx	100,000
18	Full Depth Bituminous Concrete Driveway	S.F.	7,500	\$9.97	\$74,775
19	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" In Depth	S.F.	8,000	\$2.10	\$16,800
20	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	\$42.50	\$8,500.00
21	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern A	S.F.	4,100	\$15.78	\$64,698
22	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern B	S.F.	2,350	\$21.40	\$50,290
23	Stamped Concrete Sidewalk, 4" Thick - Stamp Pattern C	S.F.	1,300	\$22.77	\$29,601
24	Bituminous Concrete Pathway	S.F.	2,600	\$7.58	\$19,708
25	Concrete Generator Pad	S.F.	100	\$28.00	\$2,800
26	Rip-Rap Stone Swale, 10' Wide	S.F.	6,100	\$4.98	area \$30,378
27	Rip-Rap Stone Swale, 15' Wide	S.F.	2,000	\$5.75	\$11,500
28	Rip-Rap Apron	S.F.	1,200	\$5.75	area \$6,900
29	Stone Driveway	S.F.	4,000	\$1.35	\$5,400
30	Aluminum Stair Handrail	L.F.	55	\$165.00	\$9,075

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
31	Post and Rope Barrier	L.F.	200	\$45.00	\$9,000.00
32	14' x 20' Prefabricated Shed A - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.		\$X,XXX.xx	100,000
33	14' x 20' Prefabricated Shed B - will consist of but not be limited to installation of the DGA and smooth concrete slab with hunched footings, the installation of the prefabricated shed structure onto concrete slab, installation of the 3/8" outdoor C-D plywood and FRP on the entire interior space, interior mounting lighting, the shed electric system, installation of the poly-vinyl coated chain link fence and (2) poly-vinyl coated chain link fence gates, (3) Guillotine doors systems, heating system, roofing materials, standard windows, all spray foam insulation with fire proof agent, all metal doors and locking hardware, painting all the exterior wood surface, all plumbing and any other improvements described within the construction documents to construct the 14' x 20' prefabricated shed. The contractor will be responsible for the supply and installation of all materials shown and/or described within the bid documents to construct the 14' x 20' prefabricated shed.	L.S.	1	\$X,XXX.xx	100,000

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
34	Rustic Rope and Net Barrier	L.F.	180	\$50.00	\$9,000.00
35	8' Hight Solid Rustic Fence	L.F.	117	\$423.00	\$49,491.00
36	10' Hight Solid Rustic Fence	L.F.	205	\$326.00	\$66,830.00
37	Split Rail Fence With Wire Mesh	L.F.	200	\$39.00	\$7,800.00
38	10' High PVC Coated Perimeter Fence With Barbed Wire	L.F.	750	\$99.00	\$74,250.00
39	Rustic Entry Gate, 8' Wide	UNIT	4	\$6,750.00	\$27,000.00
40	Rustic Entry Net Gate, 10' Wide	UNIT	2	\$6,750	\$13,500.00
41	12' Wide Double Swing Wood Gate	UNIT	1	\$7,100.00	\$7,100.00
42	Relocate 12' Wide PVC Coated Perimeter Fence Double Swing Gate	L.S.	1	\$X,XXX.xx \$3,500.00	\$3,500.00
43	Outdoor Habitat Area with Mesh Roof, Trainer alley and Animal Run Area - Outdoor Habitat Area consists of the off-exhibit outdoor habitats areas, the trainers alley and the Animal Runs. The contractor will be responsible for all fuse bonded PVC coated fence material, all fence hardware, all man gates, all 1/4" acrylic panels, all fence ties, all overhang connections, all fencing brace rails, all fence posts, all guillotine doors, all corrugated steel roofing, all PVC coated mesh roof, all fence burrowing barriers, all PVC panels, all hardware to hang PVC Panels, all concrete footings and all other improvements shown on the construction details sheets for this bid item.	L.S.	1	\$X,XXX.xx	327,000
44	Outdoor Habitat Area with Mesh Roof Stone Dust	C.Y.	150	\$94.00	\$14,100.00
45	Information Sign	L.S.	1	\$X,XXX.xx	10,000
46	Type "A" Inlet	UNIT	5	\$6,620.00	\$33,100.00
47	2' x 2' Yard Drain	UNIT	3	\$4,600.00	\$13,800.00
48	12"x 12" Yard Drain - includes but is not limited to 12" x 12" sun grate and frame	UNIT	13	\$3,608.00	\$46,904.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
49	Storm Sewer Manhole	UNIT	2	\$6400.00	\$12,800.00
50	Gas Line Trench, Backfill and Restoration	L.F.	800	\$39.00	\$31,200.00
51	Fire Hydrant	UNIT	1	\$7,600.00	\$7,600.00
52	8" Ductile Iron Water Pipe	L.F.	475	\$149.00	\$70,775.00
53	8" Gate Valve	UNIT	1	\$1300.00	\$1300.00
54	3" CPVC Pipe Schedule 40	L.F.	65	\$165.00	\$10,725.00
55	3" Gate Valve	UNIT	1	\$800.00	\$800.00
56	2" CPVC Pipe Schedule 40	L.F.	40	\$263.00	\$10,520.00
57	2" Gate Valve	UNIT	1	\$600.00	\$600.00
58	6" PVC Schedule 40 Sanitary Sewer Line	L.F.	375	\$82.00	\$30,750.00
59	8" HDPE PIPE	L.F.	375	\$116.00	\$43,500.00
60	12" HDPE Pipe	L.F.	425	\$130.00	\$55,250.00
61	15" HDPE Pipe	L.F.	200	\$118.50	\$23,700.00
62	12" Diameter HDPE Flared End Section	UNIT	2	\$300.00	\$600.00
63	15" Diameter HDPE Flared End Section	UNIT	2	\$400.00	\$800.00
64	Outlet Structure and Trash Rack (OS-1)	UNIT	1	\$21,800.00	\$21,800.00
65	Preformed Scour hole	UNIT	2	\$900.00	\$1800.00

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
66	Storm Cleanout	UNIT	3	\$267.00	\$801.00
67	Sanitary Cleanout	UNIT	10	\$170.00	\$1,700.00
68	Prefabricated Fiberglass Duplex Lift Station	UNIT	1	\$88,500.00	\$88,500.00
69	4" PVC Force Main	L.F.	300	\$110.50	\$33,150.00
70	4" x 6" Sanitary Cleanout	UNIT	1	\$200.00	\$200.00
71	Rock Excavation	C.Y.	100	\$299.00	\$29,900.00
72	Composite Adirondack Bench	UNIT	10	\$600.00	\$6,000.00
73	Animal Habitat Accessories (See Architectural for accessory list)	L.S.	1	\$X,XXX.xx	217,000
74	Exterior Electrical Service - The installation of the electric and teleco service will include but not be limited to the connection to the power sources as shown on the electrical plans, installation of the wire and conduit, manholes, handholes, trenching and backfilling, installation of the transformer pad, all exterior light fixtures, installation of telco cable and exterior GFI receptacles shown on the electrical plans and connection to the proposed facilities and any other material or labor required to install a fully working electrical service.	L.S.	1	\$X,XXX.xx	235,000
75	Landscaping	L.S.	1	\$X,XXX.xx	196,000
76	Irrigation System - The Contractor will provide an irrigation shop drawing identifying the different irrigation zones, drip lines, sprinklers, irrigation controls, quick coupler connections, irrigation line, control valves, water connection and any piece of material needed to install a working irrigation system. The Contractor shall also include any necessary equipment to complete the work and any labor necessary to perform the work in this bid line item.	L.S.	1	\$X,XXX.xx	49,509

BID ITEM #	SECTION DESCRIPTION	UNIT MEASURE	ESTIMATE QUANTITY	UNIT PRICE	TOTAL PRICE
77	Laboratory Testing/Material Testing Allowance	Allowance	1	\$100,000.00	\$100,000.00
78	Unsuitable Material Allowance	Allowance	1	\$75,000.00	\$75,000.00
79	Police Director/Officer	Allowance	1	\$50,000.00	\$50,000.00
80	PSE&G Electrical and Gas Connection Allowance	Allowance	1	\$225,000.00	\$225,000.00
Total Base Bid:					1,015,000.00

Signature

Title President and CEO

Date March 13, 2020

B. Alternates*

Deduct-Alternate "A" Remove Milling and Overlaying a Portion of the Zoo's Main Walkway					
B1	1 1/2" Mill Depth from the Zoo Main Bituminous Concrete walkway	S.F.	8,000	\$1.69	\$(13,520.00)
	Remove Existing Stamp Concrete Walkway	S.F.	200	\$18.50	\$(3,700.00)
	Zoo Main Walkway Bituminous Concrete Overlay, 1 1/2" in Depth	S.F.	8,000	\$2.10	\$(16,800.00)
	Zoo Main Walkway Full Depth Bituminous Concrete Driveway	S.F.	200	\$42.50	\$(8,500.00)
Deduct-Alternate "B" Remove Theatrical Light Fixtures off of Shade Structure					
B2	Remove Theatrical Light Fixtures off of shade Structure	L.S.	1	\$X,XXX.xx	(5,600)
Deduct-Alternate "C" Remove LED Video Screen House Left and LED Video Screen House Right					
B3	Remove LED video Screen House Left and LED Video Screen House Right	L.S.	1	\$X,XXX.xx	(77,000)
Deduct-Alternate "D" Remove Shade Structure System					
B4	Remove Shade Structure System	L.S.	1	\$X,XXX.xx	(95,000)
Deduct-Alternate "E" Remove Animal Habitat Accessories					
B5	Remove Animal Habitat Accessories	L.S.	1	\$X,XXX.xx	(215,000)

* The Contractor will be responsible for reviewing the specification section 01 23 00 - Alternates for detailed information regarding Deduct - Alternate B1, B2, B3, B4 and B5.

The signer acknowledges that the total price for each task listed in the Deduct-Alternate Items B1 thru B5 may be added to the Conservation Pavilion total base bid price at the County's sole discretion.

Signature

Title President and CEO

Date March 13, 2020