N E W J E R S E Y T U R N P I K E A U T H O R I T Y
P.O. Box 5042
Woodbridge, New Jersey 07095-5042

June 6, 2022

ADDENDUM # 5 / INQUIRY # 2 FOR PUBLIC BID R-171324

SINGLE AXLE DUMP TRUCKS WITH ACCESSORIES

ORIGINAL BID OPENING DATE THURSDAY MAY 26, 2022 AT 11:00 AM

REVISED BID OPENING DATE:
THURSDAY JUNE 16, 2022 AT 11:00 AM

REVISED CONFERENCE CALL DETAILS:

CALL IN NUMBER: 1-646-992-2010

MEETING NUMBER: 2340-729-3988

NO ADDITIONAL QUESTIONS OR CLARIFICATIONS ARE ACCEPTED

FOR ANY BIDDER WHO WISHES TO PARTICIPATE, CONFERENCE CALL ACCESS SHALL OPEN 5 MINUTES PRIOR TO BID OPENING AND SHALL REMAIN OPEN UNTIL ALL BIDS HAVE BEEN READ.

NOTE #

1. Page 11 Section – "Questions": Questions which arise before or during the preparation of the unit, shall be addressed in writing via email from the vendor to Dale Barnfield (Director of Procurement) at dbarnfield@njta.com at the New Jersey Turnpike Authority on a not to delay basis. **QUESTIONS SHALL BE FROM THE PRIME BIDDER ONLY, NO SUBCONTRACTORS. QUESTIONS FROM SUBCONTRACTORS SHALL NOT BE ADDRESSED.**

2. Page 16 Section: "General" Line # B: **AUTHORIZED CHASSIS DEALER MUST BE PRIME BIDDER, NO EXCEPTIONS.**

3. The Inquiry Period is held to clarify the scope of the work, details of the project, and other requirements presented in the bid documents. It is not the intent of this Inquiry Period to pre-qualify certain materials, parts, or components, and requirements in the bid documents. A bid proposal can only be evaluated in the total context of all that is proposed after bid opening. **PLEASE LIST ALL EXCEPTIONS ON THE EXCEPTION PAGE ON PAGE 65.** The surety would be to provide what is specified.

4. Due to current market volatility with manufacturing known delays, exceptions to time frame of build will be evaluated along with the full bid submission.

5. Some of the questions have been paraphrased in the interest of readability and clarity. Each question is referenced by the appropriate page section title and line.

SINGLE AXLE DUMP TRUCKS WITH ACCESSORIES
BID NUMBER: R-171324
CLARIFICATIONS AND MODIFICATIONS TO THE BID

#	Page #	Section Reference	Additions, Clarifications, Modifications, and Deletions to the bid
1.	19	Rear axle – Line B	Line B to be revised as: Ratio will determine after final bid to achieve a 65-mph maximum speed.
2.	20	Wheel and Tires – Line E	Line E to be revised as: REAR TIRES – 12R.22.5 load range H, Reference: G622; or MichelinXDS2 (**or Authority approved equivalent**).
3.	43	11' Stainless Steel Dual Auger Body -- General – Line A	Line B to be revised as: 11' Body shall have a minimum 7.3 cubic yard struck capacity and a minimum 9.8 cubic yard capacity with sideboards. 2" x 12" oak side boards painted Omaha Orange or Authority approved equivalent
4.	43	11' Stainless Steel Dual Auger Body -- General – Line C	Line C to be revised as: The stainless-steel sheet metal used in the production of this unit shall be 304 #4 Brushed finish stainless-steel.
5	43	11' Stainless Steel Dual Auger Body -- General – Line H	Line H to be revised as: Inside body length shall be 132" from head-sheet to the tailgate
6	44	11' Stainless Steel Dual Auger Body -- Tailgate – Line F	Addition: Pin material shall be 304 stainless-steel
7	57	Optional Heavy-Duty Patrol Wing Plow— Mid Mount Postless Structure – Line A	Remove statement: running perpendicular (90) degrees) to the frame of the truck- Line A will be modified and read as: The forward wing structure shall operate using dual parallel arms and shall allow the moldboard to float freely over the road service. The front float action shall be mechanical, requiring no hydraulic float function. **(Or Authority Approved Equivalent)**

SINGLE AXLE DUMP TRUCK AND ACCESSORIES
BID NUMBER R-171324
SUB-CONTRACTOR QUESTIONS

#	Page #	Section Reference	Question	Answer
1.	29	Snowplow hitch – Line B	Can this statement be written as "Hitch shall be designed to fit the supplied chassis frame width" to allow for the dimension to be determined based on the accepted chassis make/model?	See note 3
2.	29	Snowplow hitch – Line C and D	Would the Authority allow for fabricated tube and angle of same physical dimensions?	Specification written to allow and support front mounted pump and plow assembly, please supply specifications on proposed mounting with pictures and drawings. See note 3
3.	30	Snowplow hitch – Line O	Can this statement be modified to include mention of the lift arm and lift arm cylinder pins?	No, lift arm and pin specifications are listed in the specification on page 30 under Snowplow Hitch-Line-I
4.	30	Surface Preparation and Paint – Line B	Would the Authority allow for all exterior metal to be powder coated as an authority approved equivalent?	See note 3
5.	31	Central Hydraulic System – Line C	Would the Authority be willing to remove or amend the above statement on this specification, so we are not limited to components from a single manufacturer that is both ISO9001 and 140001 certified?	Bosch and Parker Hydraulics are two manufactures that have complete systems. To ensure service life of the unit all valves and controllers, shall be manufactured and serviceable from one company. Systems other than what is specified will be reviewed as follows- See note 3
6.	32	Hydraulic Oil Supply Tank/Valve Enclosure Combination— Line A	Would the authority be willing to amend the following specification to a minimum reservoir capacity requirement of 35 gallons to this specification?	No amendment, Systems other than what is specified will be reviewed as follows- See note 3
7.	34	Hydraulic Valves – Line A	Will the authority consider to include aluminum manifolds?	Systems other than what is specified will be reviewed as follows- See note 3
8.	34	Hydraulic Valves – Line C	Will the authority accept a hydraulic valve assembly that is not integrated or a part of the main valve assembly, but plumbed in series with the main assembly?	The valving for all hydraulics shall be located all together in a single enclosure provided for their protection.
9.	43	11' Stainless Steel Dual Auger Body --General – Line C	The specification calls for 304 type stainless steel. Would the Authority allow for and "or" of 201 type stainless steel	No
10.	43	11' Stainless Steel Dual Auger Body --General – Line C	Would the Authority allow for type 2B finish?	No, See Part 2 – Clarification # 4
11.	43	11' Stainless Steel Dual Auger Body --General – Line G	If the body being bid is built to the states specification, along with any potential addendum modifications, will a specification still need to be provided at time of bid?	Yes, along with diagrams, drawings, and literature. Reference: See page 16 General—Line F

#	Page #	Section Reference	Question	Answer
12.	43.	11' Stainless Steel Dual Auger Body -- Body – Line A	Can the state clarify where the 8 cubic yards is being measured from?	See Part 2 – Clarification # 3
13.	43	11' Stainless Steel Dual Auger Body -- Body – Line C	Would the Authority clarify this section to include "longsills to be fully box formed trapezoidal style, internally gusseted, continuously welded to both the body side and floor?	See note 3
14.	43	11' Stainless Steel Dual Auger Body -- Body – Line D	Would the Authority allow for the auger trough to be 28" wide?	See note 3
15.	43	11' Stainless Steel Dual Auger Body -- Body – Line F	Based on the specified body dimensions and side slope, this height dimension may need to be adjusted to 42" to achieve 8 yd capacity (at the sides) as outlined in Body Item A.	See Part 2 – Clarification # 3, body side height is 36" as specified, plus additional 12" sideboards.
16.	43	11' Stainless Steel Dual Auger Body -- Body – Line G and J	The specification states "shall include a formed 4" top flange". However item page 43 Item J calls for a 5" deep x 10" tall top rail. Can the 4" flange be removed from the spec as it conflicts with the specified top rail?	Construction method specified is to make a box for strength, document deviation proposed along with included drawings, See note 3
17.	43	11' Stainless Steel Dual Auger Body --General – Line G	Would seven bends to produce a slope of 35 degree be allowed?	See note 3
18.	43	11' Stainless Steel Dual Auger Body --General – Line H	Clarify the inside body length; bid for 11' body?	See Part 2 – Clarification # 5
19.	43	11' Stainless Steel Dual Auger Body --General – Line H	Can the state verify this dimension?	See Part 2 – Clarification # 5
20.	43	11' Stainless Steel Dual Auger Body --General – Line I	Can "must be 46" tall" be modified to "approximately 46" tall"?	See note 3
21.	43	11' Stainless Steel Dual Auger Body --General – Line J	Would the Authority accept a 4.5" deep x 5" tall top rail?	See note 3
22.	43	11' Stainless Steel Dual Auger Body --General – Line K	Spec calls for 10ga rear corner posts. Would the Authority revise the specification to require a minimum of 7ga?	See note 3
23.	43	11' Stainless Steel Dual Auger Body --General – Line L	In conjunction to previous question related to Body Item K, Would the Authority allow for a seamed corner post/apron connection with the rear apron constructed from a minimum 7ga material and overlapping the rear corner post?	See note 3
24.	43	11' Stainless Steel Dual Auger Body --General – Line M	Would the Authority allow a design which ties the rear apron back to the body trapezoidal longsills rather than requiring an angle to tie each bolster to one another?	See note 3
25.	44	11' Stainless Steel Dual Auger Body --General Line N	Can alternative dimensions such as 4.82" deep, 12" wide and 57.69" tall be acceptable?	See note 3

#	Page #	Section Reference	Question	Answer
26.	44	11' Stainless Steel Dual Auger Body --General – Line P	Can the specification be modified to require a minimum of 7ga headsheet material?	No, the minimum has been specified
27.	44	11' Stainless Steel Dual Auger Body --General – Line P	Would a design which places the seam vertically at the center be allowed?	See note 3
28.	44	11' Stainless Steel Dual Auger Body --General – Line P	In addition, can the sloped knee brace be formed to create a 45 degree?	See note 3
29.	44	11' Stainless Steel Dual Auger Body --General – Line Q	Would a headsheet approximately 73" from chassis be acceptable?	See note 3
30.	44	11' Stainless Steel Dual Auger Body --General Line R	Would a welded 2" x 3" channel be acceptable?	See note 3
31.	44	11' Stainless Steel Dual Auger Body --General – Line W	Would a fender width of 26" be acceptable? Additionally, would an integral j-formed outer edge 1.5" tall with a .75" return flange be acceptable? Would a 1" x 3" angle be acceptable as a v-crimp?	See note 3 See note 3 See note 3
32.	44	11' Stainless Steel Dual Auger Body --General – Line X	Would the authority include an "or" provision with regards to the (removable spill plate paragraph) and include or allow for an "integrated rear body apron 96" wide x 10" 7ga stainless steel with an approximate 10" formed flange at the drop off edge, extending 10" rearward and slope 11 degrees"?	See note 3
33.	44	11' Stainless Steel Dual Auger Body --Tailgate – Line A	Would the Authority be willing to revise the tailgate thickness from 10ga to 7ga?	See note 3
34.	44	11' Stainless Steel Dual Auger Body --Tailgate – Line C	Would 4" wide x 3" deep be acceptable?	See note 3
35.	44	11' Stainless Steel Dual Auger Body --Tailgate – Line E	Would hinge legs measuring 8.38" wide x 7" tall x 1" thick be acceptable?	See note 3
36.	44	11' Stainless Steel Dual Auger Body --Tailgate – Line F	Are the upper hinge pins to be stainless steel?	Yes, see Part 2 Clarification #6
37.	45	11' Stainless Steel Dual Auger Body— Auger System- Line A	Would the Authority allow auger system designs which extend past the tailgate, discharging under an integrated rear spreader apron?	No, specified design is for this unit is for operational safety, ability to quickly hook trailers in emergency situations without having to disconnect and stow hardware. See page 46. Rear Mounted Spinner – Line C Important note: In the interest of eliminating conflict with

#	Page #	Section Reference	Question	Answer
				towed equipment such as a trailer mounted attenuator, no portion of the spinner mounting hardware may extend beyond the pintle plate.
38.	45	11' Stainless Steel Dual Auger Body -- Tailgate – Important Note	Is a coal chute without a spring-loaded handle acceptable? If not, can we be provided with a design print for the spring-loaded handle?	See note 3
39.	45	11' Stainless Steel Dual Auger Body— Auger System- Important Note	Asking for clarification on "important safety note" at the bottom of page. Does the "No Exceptions" term refer to the concept of having this specific area of the auger system safe from operators having accidental engagement or does it refer to the specific design described in previous bid lines?	As stated in the safety note- "In the interest of protecting the operator and accidental engagement of feed augers"
40.	46	11' Stainless Steel Dual Auger Body— Auger System- Line F	Would a variable pitch from 4.5" to 6" to 8.5" be acceptable?	See note 3
41.	46	11' Stainless Steel Dual Auger Body— Auger System- Line G	Would the authority approve a 24.7 CIR motor coupled to a 3.6:1 planetary gearbox which then is coupled to the auger?	See note 3
42.	46	11' Stainless Steel Dual Auger Body— Auger System- Line G	Would Planetary drive be acceptable in lieu of direct drive?	See note 3
43.	46	11' Stainless Steel Dual Auger Body— Auger System- Line H	Our 3.6:1 planetary gearbox has a 2.56" output shaft. A poly bushing is inserted onto the output shaft and the gearbox shaft is then bolted into the auger tube.	See note 3
44.	46	11' Stainless Steel Dual Auger Body— Auger System- Line I	Our design utilizes a UHMW bushing between the gearbox output shaft and auger tube, can the grease zerk requirement be omitted?	See note 3
45.	46	11' Stainless Steel Dual Auger Body— Auger System- Line J	Would the Authority approve two ¼" thick washers? Would the Authority approve only the outermost washer to be welded solid into the end of the auger pipe?	See note 3
46.	46	11' Stainless Steel Dual Auger Body— Auger System- Line K	Would the authority approve two 2-bolt flange bearings?	See note 3
47.	46	11' Stainless Steel Dual Auger Body— Auger System- Line N	Would the Authority approve the elimination of the specified thrust washers as the planetary gearbox is designed to eliminate forward load and protect the drive motors?	See note 3
48.	46	11' Stainless Steel Dual	Would the Authority approve the elimination of the specified UHMW	See note 3

#	Page #	Section Reference	Question	Answer
		Auger Body— Auger System- Line O	thrust bearing and thrust washer?	
49.	46	11’ Stainless Steel Dual Auger Body— Auger System- Line O	Would the Authority approve a flat anti-flow plate? Additionally, if a 28” wide trough as previously question is approved, would the Authority approve the anti-flow plate width to be adjusted in conjunction?	See note 3
50.	46	11’ Stainless Steel Dual Auger Body-- Rear Mounted Spinner— Line E	Would the Authority approve a spinner disc that is 20” in diameter?	See note 3
51.	46	11’ Stainless Steel Dual Auger Body-- Rear Mounted Spinner— Line H	Would the Authority approval spinner designs without the conical shroud?	See note 3
52.	46	11’ Stainless Steel Dual Auger Body-- Rear Mounted Spinner— Line I	Would the authority approve a guard approximately 119 degrees?	See note 3
53.	47	11’ Stainless Steel Dual Auger Body-- Hoist— Line C	Would the authority accept two 1.5” thick x 11.5” long x 3.5” tall lift blocks?	See note 3
54.	47	11’ Stainless Steel Dual Auger Body-- Hoist— Line E and F	Can the Authority elaborate what the “heavy duty lift frame constructed from .375” and .50” carbon steel” is referencing?	Hoist mounting
55.	47	11’ Stainless Steel Dual Auger Body-- Hoist— Line H	Could the Authority specify that both the lift blocks and retainers shall have mated milled surfaces and trunnion pin hole to ensure proper fitment with the hoist cylinder trunnion blocks.	Please meet or exceed the posted specification that has been provided, See note 3
56.	47	11’ Stainless Steel Dual Auger Body-- Hoist— Line H	Would the industry standard of the upper trunnion blocks being welded to the inside of the doghouse be accepted?	Expectation of industry standard is to be serviceable, not welded.
57.	47	11’ Stainless Steel Dual Auger Body— Hoist— Line I	Would the Authority accept a chassis mounted safety prop?	See note 3
58.	48	11’ Stainless Steel Dual	The specification described for the hoist cylinder appears to be an old and outdated	See note 3

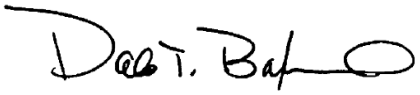
#	Page #	Section Reference	Question	Answer
		Auger Body—Telescopic Cylinder specifications	spec from the hoist manufacturer	
59.	48	11' Stainless Steel Dual Auger Body—Cabshield – Line A	Would the Authority be willing to approve a cabshield extending forward of the body 22"?	See note 3
60.	48	11' Stainless Steel Dual Auger Body—Cabshield – Line B	Does the Authority have a minimum gauge thickness to specify on the cabshield end plates?	1/4" thickness
61.	48	11' Stainless Steel Dual Auger Body—Cabshield – Line F.	Can the Authority clarify this section further or provide further documentation, whether designed or in ideation form to assist in properly bidding the desired design?	Please provide information on structural integrity and materials specified elsewhere on bid. Design to be verified and approved during pilot construction.
62.	48	11' Stainless Steel Dual Auger Body—Auger trough cover plate—Line A	Would the Authority accept a cover plated constructed of 3/16" AR type steel?	See note 3
63.	49	11' Stainless Steel Dual Auger Body—Body top grate screen—Line A	Would the Authority be willing to accept a stainless-steel angle design?	See note 3
64.	49	11' Stainless Steel Dual Auger Body—Body top grate screen—Line B	Would the Authority be willing to accept a 2-5/8" square mesh?	See note 3
65.	49	11' Stainless Steel Dual Auger Body—Ladder—Line A	Would the Authority be willing to accept a fold down ladder attached to the body?	See note 3
66.	49	11' Stainless Steel Dual Auger Body—Pre-wet tanks-Line C	Would the Authority be willing to accept ribbed EPMD hose for the cross over plumbing?	See note 3
67.	49	11' Stainless Steel Dual Auger Body—Pre-wet tanks-Line F	Would the Authority be willing to accept flat top caps as the top edge of the tank where the vent is location is on angle to shed buildup of ice or snow?	See note 3

#	Page #	Section Reference	Question	Answer
68.	49	11’ Stainless Steel Dual Auger Body—Pre-wet tanks-Line I	Would the Authority be willing to accept tank hold down straps constructed from 2” mesh?	No
69.	50	11’ Stainless Steel Dual Auger Body—Pre-Wet application lance—Line B	Would the Authority accept a 1” x 72” long injection lance?	See note 3
70.	50	11’ Stainless Steel Dual Auger Body—Pre-Wet application lance—Line F	Can inverted V and cross supports be bolted to the body instead of welded?	See note 3
71.	50	11’ Stainless Steel Dual Auger Body—Pre-Wet application lance—Line D-F	Would the Authority be willing to remove the requirement for and inverted vee?	No, it supports the pre-wet lance specified.
72.	50	11’ Stainless Steel Dual Auger Body—Pre-Wet pump—Line--E	Would the Authority be willing to accept a turbine style flow meter?	See note 3
73.	50	11’ Stainless Steel Dual Auger Body—Pre-Wet pump—Line--F	Would the Authority be willing to accept a fiberglass NEMA style enclosure with hinged lid featuring a stainless steel internal prewet drive system mounting plate and stainless latch hardware?	No, NEMA enclosures mounted externally have degraded on our equipment during extreme salting and brining conditions and have failed.
74.	65	Exception Form	What does the authority consider to be a material deviation?	A deviation in a response from the specifications that supplies the Authority with something significantly different from the what the authority has requested in the specification.

Receipt of Addendum # 5 / Inquiry # 2 must be acknowledged in writing at or prior to opening of bids. Failure to acknowledge receipt of addendum may be considered as grounds for rejection of bid by the Authority, however, in the discretion of the Authority, submission of the signed bid may be treated as acknowledgement of receipt of this Inquiry.

No Other Changes. All Other Data Remains in Effect.

Very Truly Yours



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