



State of New Jersey

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January 21, 2021

To: All Interested Vendors {Bidders}

**Re: Bid Solicitation # 21DPP00583
T1495 - Customized Snow Plows and Related Components, NJDOT and Authorities - Statewide**

Revised Quote Submission Due Date: Friday, February 5, 2021 (2:00 p.m. Eastern Time)
~~Original Quote Submission Due Date: Tuesday, January 5, 2021 (2:00 p.m. Eastern Time)~~

Bid Amendment # 3

The following constitutes Bid Amendment # 3 to the above referenced Bid Solicitation:

- This Bid Amendment includes answers to questions; and
- Please note that for all additions, deletions, clarifications and modifications to the Bid Solicitation, please refer to the Revised Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21"

It is the sole responsibility of the Vendor {Bidder} to be knowledgeable of all of the additions, deletions, clarifications, and modifications to the Bid Solicitation and/or the New Jersey Standard Terms and Conditions relative to this Bid Solicitation as set forth in all Bid Amendments.

All other instructions, terms, and conditions of the Bid Solicitation shall remain the same.

Bid Solicitation #21DPP00583

T1495 - Customized Snow Plows and Related Components, NJDOT and Authorities – Statewide

Answers to Questions

Where applicable, each question references the appropriate Bid Solicitation section.

Note: This question has been paraphrased in the interest of readability and clarity.

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
1	1.1 Purpose and Intent	Q. May a Vendor {Bidder} only bid on price lines 15 & 16 in Group 2 to be considered for an award or must all price lines in group 2 be bid on? A. Please refer to Section 1.1, which states in pertinent part: <i>“The State intends to make one (1) Blanket P.O. award per group (Groups 1, Group 2, and Group 3), in accordance with Section 7.2 of this Bid Solicitation. Vendors {Bidders} may bid on one Group, two Groups or all Groups.”</i> Additionally, Section 1.1 States: <i>“For Group 2 Vendors {Bidders} must bid on Price Lines (Price Line 8 - 21) within the Group in order for its Quote to be considered for an award for the Group. If a Vendor {Bidder} does not bid on all price lines within the Group, its Quote will be considered non-responsive for the Group.”</i>
2	Specifications and/or drawings	Q. Will a design with components that may deviate from the specifications and/or drawings in form while still meeting or exceeding the intended function be considered acceptable? If so what would be the method to document any such differences? A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>“The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit.”</i> Additionally, Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>“built in accordance with the listed specifications and drawings”</i>
3	Generic question for the NJTA:	Q. Is it o.k. to exceed the specification without noting on the bid or do all exceeding deviations need to be noted? A. Please see response to Question 2.
4	Generic question for the NJTA:	On all 4 plows of the NJTA portion of the spec, it seems as though you want the same table & a-frame (with the exception of power angle vs manual angle) across all moldboard styles. That being said, the spec for

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		the two manual angle plows (Sections 3.4.8.5 and 3.4.9.5 "Table") call for 3-½ inch x 3-½ inch x ½ rolled angle and the two power angle plows Sections (3.4.10.5 and 3.4.11.5 "Table") call for 4 inches x 4 inches x ½ inch rolled angle. Q. Would it be o.k. to make them all of the same material 4 inches x 4 inches x ½ inch rolled angle? A. Please see response to Question 2.
5	3.4.3.11 Hydraulic	The last bullet point in Section 3.4.3.11 references "hoses from the hydraulic cylinder", but this is a worm gear driven plow. No cylinders are present in a worm gear driven plow. Q. Please clarify. A. The following language has been removed from Section 3.4.3.11: <i>"Hydraulic hoses from the cylinder to the cushion valve and from the cushion valve back to the truck shall be 3/8 inch SAE 100R17 hose minimum and shall be of sufficient length for the application."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
6	3.4.8.1 Moldboard	Bid Solicitation 3.4.8.1 states: "The radius shall be 20 inches and the last 12 inches shall have a minimum of 6 inch radius." Typically a one way moldboard would have a smaller radius on the small end and a larger radius on the large end. Q. Is it acceptable to use a radius that varies along the length of the moldboard or must the radius be fixed at 20" along the entire length? A. Yes it is acceptable, as long as the radius at the large end of the moldboard is 20 inches and the last 12 inches has a minimum of 6 inch radius, as specified in Section 3.4.8.1. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
7	3.4.8.1 Moldboard	The last bullet point in Section 3.4.8.1 states: "radius shall be 20 inches and the last 12 inches shall have a minimum of a 6 inch radius." Q. Is this correct for the funnel style one-way moldboard? That is your spec for your straight reversible plows. A. Please see response to Question 6.
8	3.4.8.1 Moldboard	Q. Do you want the "Landslide Plate or Nose End Plate" as depicted on the rear side drawing on drawing# SSP-06?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		We ask this because later in the specification, Section 3.4.8.3 Curb Bumpers, there is a reference to a wraparound curb bumper but will note that in the proper location, following consecutive order of the bid solicitation. A. Yes, the Nose End Plate shall be included as depicted in Drawing SSP-06. . Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
9	3.4.8.2 Moldboard Shoes	The first bullet point in Section 3.4.8.2 references Drawing SSP-06, which references a Carbide Moldboard shoe on Drawing SSP-4-204. The carbide moldboard shoe on drawing SSP-4-204 is different than the standard NJ Turnpike moldboard shoe on the straight reversible plows. The written spec in the third bullet point calls out a "Cast Steel" moldboard shoe which is more consistent with the standard NJ Turnpike moldboard shoe. Q. Which shoe is correct for this plow? A. Please refer to Drawing SSP-04. Additionally, the reference to drawing SSP-06 has been removed from Section 3.4.8.2, and replaced with Drawing SSP-04. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
10	3.4.8.3 Curb Bumper	The title of Drawing SSP-4-158, referenced in Section 3.4.8.3 has been revised as follows: • Drawing SPP – 4-158 Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
11	3.4.8.3 Curb Bumper	Bid Solicitation Section 3.4.8.3 states: "Two (2) 2-1/2x2-1/2x8 inch cold rolled steel curb bumpers (wrap around style)" Q. Can you explain what these dimensions correspond to, as it relates to referenced drawings 4-158 and 4-159? A. Bid Solicitation Section 3.4.8.3 has been revised as follows: • <i>"Two cold rolled steel curb bumpers (wrap around style), manufactured in accordance with drawings SPP-4-158 and SPP-4-159, shall be bolted to the lower left and right outside edge of the moldboard lower angle as part of the cutting-edge assembly."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
12	3.4.8.3 Curb Bumper	The fourth bullet point in Section 3.4.8.3 references two (2) 2-1/2 inch x 2-1/2 inch x 8 inch cold rolled steel curb bumpers. Q. Please clarify this dimension as the wrap around curb bumpers on drawings SSP-4-158 and SSP-4-159 are ½ inch x 6 inch material. If this 2-

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		1/2 inch x 2-1/2 inch x 8 inch dimension is a rectangular block curb bumper it would be difficult to mount this and the wrap around bumpers together. A. Please see response to Question 11.
13	3.4.8.3 Curb Bumper	Section 3.4.8.3 references Drawing SSP-4-159, which is a left side (or driver side) wrap around curb bumper but the moldboard Drawing SSP-06 shows moldboard with "Landslide Plate". This would be difficult to have both. Q. Please clarify. A. Please refer to Drawing SPP-4-158 and SPP-4-159 referenced in Section 3.4.8.3 for the dimension of the wraparound curb bumper. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
14	3.4.8.5 Table	The first bullet point in Section 3.4.8.5 references Drawing SSP-01, which shows a power angle table, and this is a manual angle plow with reference at the beginning of this plow spec to Drawing SSP-06 which shows a manual angle table. The second bullet point references "eleven (11) notches" indicative of a power angle table and this is supposed to be a manual angle table. Please clarify. A. The following revisions have been made to Section 3.4.8.5: The reference to Drawing SSP-01 has been removed and replaced with Drawing SSP-06. The following language has been revised: <i>"The table shall be a circular arc design and be constructed of a one piece solid 3-1/2 inch x 3-1/2 inch x 1/2 inch structural angle.</i> <i>Five (5) holes shall be stamped to allow the positioning of the plow at 0, 35 and 42 degrees and locking in place, in accordance with Drawing SSP-06"</i> The following language has deleted from the section: <i>"The notches shall be laser cut. (Flame cutting to achieve curve and notches shall not be acceptable.)"</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
15	3.4.8.5 Table	Bid Solicitation Section 3.4.8.5, states: "The circular arc portion shall be welded at each end with an overlap to structural angles measuring 4 inches x 4 inches x 1/2 inch"

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Referenced Drawing SSP-01 appears to show a single-pieced circle without weld joints. Q. Would the use of a single piece circle be acceptable? A. Yes, a single piece circle is required, in accordance with the drawings and written specifications referenced in Section 3.4.8.5. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
16	3.4.8.7 Push Frame	The first bullet point in Section 3.4.8.7 references Drawing SSP-01, which shows a power angle push frame, and this is titled "Manual Angle Plow", Page 35 section 3.4.8. (Drawing SSP-06 does show a manual angle push frame.) Q. Please advise. A. The correct drawing to reference for Section 3.4.8.7 is Drawing SSP-06. Additionally, the references to Drawing SSP-01 and Drawing SPP-4-132 have been removed from Section 3.4.8.7, and replaced with Drawing SSP-06. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
17	3.4.8.7 Push Frame	The first and second bullet point in Section 3.4.8.7 reference Drawing SSP-01 and SSP-4-132. The A-Frames on these two drawings are two totally different A-Frames. Q. Which print should we follow for this plow? Or should it be the manual angle push frame depicted on drawing SSP-06? A. Please see response to Question 16.
18	3.4.8.7 Push Frame	Bid Solicitation Section 3.4.8.7 references drawings SSP-01 and SSP-4-132. These would appear to show different push frame assemblies. Q. Is the push frame in the newer drawing SSP-01 the desired push frame? A. Please see response to Question 16.
19	3.4.8.7 Push Frame	Bid Solicitation Section 3.4.8.7 states: "Welded to the front of these triangular plates shall be a pair of 3/4inch x 4 inch steel brackets and between them a curved socket member shall be provided to relieve the pivot pin of thrust stress." The more recent design shown in drawing SSP-01 does not appear to include a "curved socket member". Q. If a push frame design highly similar to the one in SSP-01 is supplied, can the requirement for a "curved socket member" be disregarded?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. No. Additionally, the language in Section 3.4.8.7 has been revised as follows: • <i>"Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
20	3.4.8.7 Push Frame	Q. This is a manual angle plow spec and bullet points eight, nine, ten & eleven all reference items that are consistent with power angle plows. Should these bullet points be in this plow spec? A. The following language has been deleted from Section 3.4.8.7: • <i>"A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x ¾ inch diameter spring wire with 9 inches of free travel."</i> • <i>The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground."</i> • <i>The latch shall seat against a circular plate welded to the rear cross channel."</i> • <i>Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
21	3.4.8.7 Push Frame	Bid Solicitation Section 3.4.8.7 states: "A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x 3/4" inch diameter spring wire with 9 inches of free travel. The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground. The latch shall seat against a circular plate welded to the rear cross channel. Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member." Q. All of these statements would appear to be applicable to a hydraulic reversible plow, but not applicable to a manual reversible snow plow, so can all of these requirements be disregarded for this plow? A. Please see response to Question 20.
22	3.4.8.7 Push Frame	Bid Solicitation Section 3.4.8.7 states: "The two (2) rear channels of the push frame shall be provided with heavy-duty 1 inch thick A36 steel adjustable ear for attachment of the push frame to the travel hitch with 1-1/4 inch diameter bolt. Ear spacing shall be 21 inches." Q. Could you please clarify that?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. This refers to the method and means of attaching the plow assembly to the truck.
23	3.4.8.11 Rubber Baffle	Bid Solicitation Section 3.4.8.11 states: "The snow plow shall be equipped with a 1/2 inch thick x 12 inches wide x 11 foot long rubber belting baffle"; Q. Is the ½ inch the thickness of rubber belting correct? A. Yes ½ inch is the thickness of the rubber belting.
24	3.4.9.1 Moldboard	Bid Solicitation Section 3.4.9.1, states: "The moldboard shall be 42 inches high and 136 inches long formed in a "J" shaped blade". Title of section refers to 11-foot plow, which is 132 inches, rather than 136 inches. Referenced drawing also appears to show plow length of 132 inches. Q. Please clarify. A. The correct measurement is 132 inches. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
25	3.4.9.1 Moldboard	Bid Solicitation Section 3.4.9.1, states: "The top shall be reinforced by a self-formed channel". Q. Would the use of a fully welded top angle measuring 3 inches x 2 inches x 3/8 inch be acceptable in lieu of a self-formed channel? A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>"The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit."</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>"built in accordance with the listed specifications and drawings"</i>
26	3.4.9.1 Moldboard	Bid Solicitation Section 3.4.9.1 states: "The cutting-edge's 5/8 inch x 4 inch steel banking plate shall be welded and braced with a ½ inch x 2-1/2 inch gussets welded between each cutting-edge bolt position." Drawing SSP-03 shows the cutting edge bolted directly to a bottom angle, with no 5/8 inch x 4 inch steel banking plate. This is a more industry standard construction.

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Q. Is the design shown in SSP-03 in which the cutting edge bolts directly to a bottom angle acceptable? A. Yes, please refer to Drawing SSP-03. Additionally, the following revision has been made to Section 3.4.9.1: <i>“The top shall be reinforced by a self-formed channel and the bottom with a one piece 4 inch x 4 inch x ½ inch structural angle, which shall be welded and braced with a ½ inch x 2½ inch gussets welded between each cutting-edge bolt position.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
27	3.4.9.1 Moldboard	Bid Solicitation Section 3.4.9.1 states: "The braces shall be constructed of 1/4" inch x 2 inch angle or 1/2 inch x 3 inch flat bar continuously welded on both sides to moldboard sheets." The braces shown in referenced drawing SSP-03 appear to be of much larger angle than 1/4 inch x 2 inch x 2 inch, to accommodate the trip mechanism attachment ears. Q. Is the use of larger angles such as shown in Drawing SSP-03 acceptable? A. Please refer to Drawing SSP-03. Additionally, the following revision has been made to Section 3.4.9.1: <i>“The braces shall be constructed of 1/2 inch x 2 inch x 2 inch angle or ½ inch x 3 inch flat bar continuously welded on both sides to moldboard sheets.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
28	3.4.9.1 Moldboard	The fifth bullet point references a 4 inch x 4 inch x ½ inch structural angle bottom reinforcement. Q. Would you please show better detail of bullet point six, “5/8 inch x 4 inch steel banking plate” A. Please see response to Question 26.
29	3.4.9.3 Moldboard	Bid Solicitation Section 3.4.9.3 states: "Two (2) 2-1/2 x 2-1/2 x 8 inch cold rolled steel curb bumpers (wrap around style)" Q. Can you explain what these dimensions correspond to, as it relates to referenced drawings 4-158 and 4-159?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. Bid Solicitation Section 3.4.9.3 has been revised as follows: <i>“Two cold rolled steel curb bumpers (wrap around style), manufactured in accordance with drawings SPP-4-158 and SPP-4-159, shall be bolted to the lower left and right outside edge of the moldboard lower angle as part of the cutting-edge assembly.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
30	3.4.9.3 Curb Bumper	The fourth bullet point references two (2) 2½ inch x 2½ inch x 8 inch cold rolled steel curb. Q. Please clarify this dimension as the wrap around curb bumpers on drawings SSP-4-158 and SSP-4-159 are ½” x 6” material. If this 2½ inch x 2½ inch x 8 inch dimension is a rectangular block curb bumper it would be difficult to mount this and the wrap around bumpers together. A. Please see response to Question 29.
31	3.4.9.5 Table	The first bullet point in Section 3.4.9.5 references Drawing SSP-01, which shows a power angle table, and this is a manual angle plow with reference at the beginning of this plow spec to drawing SSP-06, which shows a manual angle table. Second bullet point references “eleven (11) notches” indicative of a power angle table and this is supposed to be a manual angle table. Q. Please clarify. A. The following revisions have been made to Section 3.4.9.5: The reference to Drawing SSP-01 has been deleted and replaced with a reference to Drawing SSP-06. The following language has been revised: <i>“The table shall be a circular arc design and be constructed of a one piece solid 3-½ inch x 3-½ inch x ½ inch structural angle.</i> <i>Five (5) holes shall be stamped to allow the positioning of the plow at 0, 35 and 42 degrees and locking in place, in accordance with Drawing SSP-06”</i> The following language has deleted from the section: <i>“The notches shall be laser cut. (Flame cutting to achieve curve and notches shall not be acceptable.)”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
32	3.4.9.5 Table	Bid Solicitation Section 3.4.9.5 states: "The circular arc portion shall be welded at each end with an overlap to structural angles measuring 4 inches x 4 inches x 1/2 inch" Referenced drawing SSP-01 appears to show a single-pieced circle without weld joints. Q. Would the use of a single piece circle be acceptable? A. Yes, a single piece circle is required, in accordance with the drawings and written specifications referenced in Section 3.4.9.5. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
33	3.4.9.7 Push Frame	The first and second bullet point in Section 3.4.9.7 reference drawings SSP-01 and SSP-4-132. The A-Frames on these two drawings are two totally different A-Frames. Q. Which print should we follow for this plow? Or should it be the manual angle push frame depicted on drawing SSP-06? A. Please refer to Drawing SSP- 01. Additionally, the reference to Drawing SPP-4-132 has been removed from Section 3.4.9.7. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
34	3.4.9.7 Push Frame	This section references drawing SSP-01 and SSP-4-132. These would appear to show different push frame assemblies. Q. Is the push frame in the newer drawing SSP-01 the desired push frame? A. Please see response to Question 33.
35	3.4.9.7 Push Frame	The first bullet point references drawing SSP-01, which shows a power angle push frame, and this is titled "Manual Angle Plow", Page 40 section 3.4.9. (Drawing SSP-06 does show a manual angle push frame.) Q. Please advise. A. Please see response to Question 33.
36	3.4.9.7 Push Frame	Bid Solicitation Section 3.4.9.7, states: "Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets and between them a curved socket member shall be provided to relieve the pivot pin of thrust stress." The more recent design shown in drawing SSP-01 does not appear to include a "curved socket member".

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Q. If a push frame design highly similar to the one in SSP-01 is supplied, can the requirement for a "curved socket member" be disregarded? A. Please refer to Drawing SSP-01. Additionally, Section 3.4.9.7 has been revised as follows: • <i>"Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
37	3.4.9.7 Push Frame	This is a manual angle plow spec and bullet points eight, nine, ten & eleven all reference items that are consistent with power angle plows. Q. Should these bullet points be in this plow spec? A. The following language has been deleted from Section 3.4.9.7: • <i>"A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x ¾ inch diameter spring wire with 9 inches of free travel."</i> • <i>The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground."</i> • <i>The latch shall seat against a circular plate welded to the rear cross channel."</i> • <i>Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
38	3.4.9.7 Push Frame	Bid Solicitation Section 3.4.9.7 states: "A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x ¾ inch diameter spring wire with 9 inches of free travel. The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground. The latch shall seat against a circular plate welded to the rear cross channel. Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member." Q. All of these statements would appear to be applicable to a hydraulic reversible plow, but not applicable to a manual reversible snow plow, so can all of these requirements be disregarded for this plow? A. Please see response to Question 37.
39	3.4.9.7 Push Frame	Bid Solicitation Section 3.4.9.7 states: "The two (2) rear channels of the push frame shall be provided with heavy-duty 1 inch thick A36 steel

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		adjustable ear for attachment of the push frame to the travel hitch with 1-1/4 inch diameter bolt. Ear spacing shall be 21 inches." Q. Could you please clarify that? A. This refers to the method and means of attaching the plow assembly to the truck.
40	3.4.10.1 Moldboard	Bid Solicitation Section 3.4.10.1 states: "The radius shall be 20 inches and the last 12 inches shall have a minimum of 6 inch radius." Typically an expressway moldboard would have a smaller radius at the center and a larger radius on the discharge ends. Q. Is it acceptable to use a radius that varies along the length of the moldboard or must the radius be fixed at 20" along the entire length? A. Yes it is acceptable as long as the radius at the large end of the moldboard is 20 inches and the last 12 inches has a minimum of 6 inch radius, as specified in Section 3.4.10.1. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
41	3.4.10.1 Moldboard	Bid Solicitation Section 3.4.10.1 states: "The top shall be reinforced by a self-formed channel". Would the use of a fully welded top angle measuring 3 inches x 2 inches x 3/8 inch or 3 inches x 2-1/2 inches x 3/8 inch be acceptable in lieu of a self-formed channel? A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>"The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit."</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>"built in accordance with the listed specifications and drawings"</i>
42	3.4.10.1 Moldboard	Bid Solicitation Section 3.4.10.1 states: "The braces shall be constructed of 1/4" x 2 inch x 2 inch angle or 1/2 inch x3 inch flat bar continuously welded on both sides to moldboard sheets." The upper braces shown in referenced drawing SSP-04 appear to be of much larger angle than 1/4 inch x 2 inch x2 inch, to accommodate the trip mechanism attachment ears. Q. Is the use of larger angle such as shown in drawing SSP-04 acceptable?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. Please refer to drawing SSP-04. Additionally, the following revision has been made to Section 3.4.10.1: <i>“The braces shall be constructed of 1/2 inch x 2 inch x 2 inch angle or 1/2 inch x 3 inch flat bar continuously welded on both sides to moldboard sheets.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
43	3.4.10.1 Moldboard	Drawing SSP-05 shows the cutting edge bolted directly to a bottom angle, with no 5/8 inch x 4 inch steel banking plate. This is a more industry standard construction. Q. Is the design shown in SSP-08 in which the cutting edge bolts directly to a bottom angle acceptable? A. No, please refer to Drawing SSP-05. Additionally, the following revision has been made to Section 3.4.10.1: <i>“The top shall be reinforced by a self-formed channel and the bottom with a one piece 4 inch x 4 inch x 1/2 inch structural angle, which shall be welded and braced with a 1/2 inch x 2 1/2 inch gussets welded between each cutting-edge bolt position.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
44	3.4.10.1 Moldboard	Bid Solicitation Section 3.4.10.1 states: “The radius shall be 20 inches and the last 12 inches shall have a minimum of a 6 inch radius”. Q. Is this correct for the dual tapered style expressway moldboard? That is your spec for your straight reversible plows. A. Yes, please refer to the specifications in Section 3.4.10.1. Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
45	3.4.10.1 Moldboard	The fifth bullet point in Section 3.4.10.1 references a 4 inch x 4 inch x 1/2 inch structural angle bottom reinforcement. Q. Would you please show better detail of bullet point six, 5/8 inch x 4 inch steel banking plate A. Please see response to Question 43.
46	3.4.10.1 Moldboard	Q. Does "paneled" imply brake formed or is smooth rolled and welded to ribs considered equal and meet the intent?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. No, paneled does not imply brake formed. Yes, smooth rolled and welded to the ribs meets the intent of the specification.
47	3.4.10.3 Curb Bumper	The title of Drawing SSP-4-159, referenced in Section 3.4.10.3 has been revised as follows: Drawing SPP – 4-159 Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
48	3.4.10.3 Curb Bumper	The fourth bullet point references two (2) 2-1/2 inch x 2-1/2 inch x 8 inch cold rolled steel curb bumpers. Q. Can you explain what these dimensions correspond to, as it relates to referenced drawings 4-158 and 4-159? A. Bid Solicitation Section 3.4.10.3 has been revised as follows: <i>“Two cold rolled steel curb bumpers (wrap around style), manufactured in accordance with drawings SPP-4-158 and SPP-4-159, shall be bolted to the lower left and right outside edge of the moldboard lower angle as part of the cutting-edge assembly.”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
49	3.4.10.3 Curb Bumper	The fourth bullet point in Section 3.4.10.3 references two (2) 2-½ inch x 2-½ inch x 8 inch cold rolled steel curb bumpers Q. Please clarify this dimension as the wrap around curb bumpers on drawings SSP-4-158 and SSP-4-159 are ½” x 6” material. If this 2-½ inch x 2-½ inch x 8 inch dimension is a rectangular block curb bumper it would be difficult to mount this and the wrap around bumpers together. A. Please see response to Question 48.
50	3.4.10.5 Table	Bid Solicitation Section 3.4.10.5 states: “outside radius with eleven (11) notches 1-1/4 inches deep x 1-1/8 inch wide at the bottom” Q. Will the NJDOT and NJTA consider a power angle plow equal to the specified power circle latch design specified? The use of a standard, non PCL table removes the complexity, weight, distance inherent in a PCL style plow with additional cylinder, spring and wedge that was designed to overcome hydraulic system deficiencies that have been overcome decades ago in your fleet. Please be advised that Section 3.4.10.5 and the drawings referenced within Section 3.4.10.5 are specific to NJTA. A. No, deviations/exceptions are not allowed.

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>"The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit."</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>"built in accordance with the listed specifications and drawings"</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
51	3.4.10.5 Table	Bid Solicitation Section 3.4.10.5 states: "The circular arc portion shall be welded at each end with an overlap to structural angles measuring 4 inches x 4 inches x 1/2 inch" Referenced drawing SSP-01 appears to show a single-pieced circle without weld joints. Q. Would the use of a single piece circle be acceptable? A. Yes, a single piece circle is required, in accordance with the drawings and written specifications referenced in Section 3.4.10.5. Additionally, the following revisions have been made to Section 3.4.10.5: The reference to Drawing SSP-01 has been deleted and replaced with a reference to Drawing SSP-04. The following language has been revised: <i>"The table shall be a circular arc design and be constructed of a one piece solid 3-½ inch x 3-½ inch x ½ inch structural angle.</i> <i>Five (5) holes shall be stamped to allow the positioning of the plow at 0, 35 and 42 degrees and locking in place.</i> The following language has deleted from the section: <i>"The notches shall be laser cut. (Flame cutting to achieve curve and notches shall not be acceptable.)"</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
52	3.4.10.7 Push Frame	The first and second bullet point in section 3.4.10.7 reference drawings SSP-01 and SSP-4-132. The A-Frames on these two drawings are two totally different A-Frames. Q. Which print should we follow for this plow?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. Please refer to drawing SSP-01. Additionally, the reference to drawing SPP-4-132 has been removed from Section 3.4.10.7. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
53	3.4.10.7 Push Frame	Bid Solicitation Section 3.4.10.7 references drawing SSP-01 and SSP-4-132. These would appear to show different push frame assemblies. Q. Is the push frame in the newer drawing SSP-01 the desired push frame? A. Yes, please see response to Question 52.
54	3.4.10.7 Push Frame	Bid Solicitation Section 3.4.10.7 states: "Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets and between them a curved socket member shall be provided to relieve the pivot pin of thrust stress." The more recent design shown in drawing SSP-01 does not appear to include a "curved socket member". Q. If a push frame design highly similar to the one in SSP-01 is supplied, can the requirement for a "curved socket member" be disregarded? A. Please refer to Drawing SSP-01. Additionally, the language in Section 3.4.10.7 has been revised as follows: • <i>"Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
55	3.4.10.7 Push Frame	Bid Solicitation Section 3.4.10.7 states: "A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x 3/4" inch diameter spring wire with 9 inches of free travel. The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground. The latch shall seat against a circular plate welded to the rear cross channel. Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member." Q. All of these statements would appear to be applicable to a hydraulic reversible plow, but not applicable to a manual reversible snow plow, so can all of these requirements be disregarded for this plow? A. This is a hydraulic plow, as specified in Section 3.4.10.7.

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
56	3.4.10.7 Push Frame	Bid Solicitation Section 3.4.10.7 states: "The two (2) rear channels of the push frame shall be provided with heavy-duty 1 inch thick A36 steel adjustable ear for attachment of the push frame to the travel hitch with 1-1/4 inch diameter bolt. Ear spacing shall be 21 inches." Q. Could you please clarify that? A. This refers to the method and means of attaching the plow assembly to the truck. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
57	3.4.10.7 Push Frame	Q. Will the NJDOT and NJTA accept a non-power circle latch (PCL) plow design to match the central hydraulic systems in the hundreds of trucks in the NJDOT and NJTA fleet? Current fleet central hydraulic systems provide and maintain pressure in the plow angle cylinders. A power circle latch design plow requires a "motor spool valve" to relieve angle cylinder oil pressure to drain and the plow to rotate for the PCL wedge to center and seat in the circle frame notches. NJDOT and NJTA fleets currently are not equipped with motor spool valves and maintain angle cylinder pressure, preventing the unintended rotation of the plow. Please be advised Section 3.4.10.7 is specific to NJTA. A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>"The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit."</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (NJTA Specific Plow) states that the plows must be <i>"built in accordance with the listed specifications and drawings"</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
58	3.4.10.8 Hydraulic Reversing Cylinder	The title of Drawing SPP-02, referenced in Section 3.4.10.8 has been revised as follows: • Drawing SSP- 02 Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
59	3.4.10.9 Mushroom	The title of Drawing SPP-18, referenced in Section 3.4.10.9 has been revised as follows:

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		• Drawing SSP – 18 Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
60	3.4.10.10 Level-Lift Assembly	Q 1. Is this level-lift assembly shown in any of the drawing, such as SSP-01? A1. Yes, please refer to Drawing SSP-04. Additionally, the reference to Drawing SSP-04 has been added to Section 3.4.10.10. Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.” Q.2. Is the level lifting assembly a two-chain level lift that utilizes a telescoping arm hitch and welded ears on the push frame, or are sliding mechanisms required? The use of the phrase "mechanically activated" in the specification would lead one to believe that sliding mechanisms are required, but those are not shown in any of the drawings. A2. No, sliding mechanisms are not required. Please refer to Section 3.4.10.10
61	3.4.11.1 Moldboard	Bid Solicitation Section 3.4.11.1 states: "The top shall be reinforced by a self-formed channel". Q. Would the use of a fully welded top angle measuring 3 inches x 2 inches x 3/8 inch or 3 inches x 2-1/2 inches x 3/8 inch be acceptable in lieu of a self-formed channel? A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>“The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit.”</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>“built in accordance with the listed specifications and drawings”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
62	3.4.11.1 Moldboard	The fifth bullet point five references a 4 inch x 4 inch x ½ structural angle bottom reinforcement. Q. Would you please show better detail of bullet point six, of 5/8 inch x 4 inch banking plate”?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. Please refer to Drawing SSP-03. Additionally, the following revision has been made to Section 3.4.11.1: <i>"The top shall be reinforced by a self-formed channel and the bottom with a one piece 4 inch x 4 inch x ½ inch structural angle, which shall be welded and braced with a ½ inch x 2½ inch gussets welded between each cutting-edge bolt position."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
63	3.4.11.1 Moldboard	Bid Solicitation Section 3.4.11.1 states: "The braces shall be constructed of 1/4 inch x 2 inch angle or 1/2 inch x 3 inch flat bar continuously welded on both sides to moldboard sheets." The braces shown in referenced drawing SSP-03 appear to be of much larger angle than 1/4 inch x 2 inch x 2 inch, to accommodate the trip mechanism attachment ears. Q. Is the use of larger angles such as shown in Drawing SSP-03 acceptable? A. Please refer to Drawing SSP-03. Additionally, the following revision has been made to Section 3.4.11.1: <i>"The braces shall be constructed of 1/2 inch x 2 inch x 2 inch angle or ½ inch x 3 inch flat bar continuously welded on both sides to moldboard sheets."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
64	3.4.11.3 Curb Bumper	The title of Drawing SSP-4-158, referenced in Section 3.4.11.3 has been revised as follows: Drawing SPP – 4-158 Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
65	3.4.11.3 Curb Bumper	Bid Solicitation Section 3.4.11.3 states: "Two (2) 2-1/2 x 2-1/2 x 8 inch cold rolled steel curb bumpers (wrap around style)" Q. Can you explain what these dimensions correspond to, as it relates to referenced drawings 4-158 and 4-159? A. Bid Solicitation Section 3.4.11.3 has been revised as follows: <i>"Two cold rolled steel curb bumpers (wrap around style), manufactured in accordance with drawings SPP-4-158 and SPP-4-159, shall be bolted</i>

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		<i>to the lower left and right outside edge of the moldboard lower angle as part of the cutting-edge assembly."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
66	3.4.11.3 Curb Bumper	The fourth bullet point in Section 3.4.11.3 references "Two (2) 2½ inch x 2½ inch x 8 inch cold rolled steel curb bumpers." Q. Please clarify this dimension as the wrap around curb bumpers on drawings SSP-4-158 and SSP-4-159 are ½ inch x 6 inch material. If this two (2) 2½ inch x 2½ inch x 8 inch cold rolled steel curb bumpers dimension is a rectangular block curb bumper it would be difficult to mount this and the wrap around bumpers together. A. Please see the response to Question 65.
67	3.4.11.5 Table	Bid Solicitation Section 3.4.11.5 states: "The circular arc portion shall be welded at each end with an overlap to structural angles measuring 4 inches x 4 inches x 1/2 inch" Referenced drawing SSP-01 appears to show a single-pieced circle without weld joints. Q. Would the use of a single piece circle be acceptable? A. Yes, a single piece circle is required, in accordance with the drawings and written specifications referenced in Section 3.4.11.5. Additionally, the following language has been revised: • <i>"The table shall be a circular arc design and be constructed of a one piece solid 3-½ inch x 3-½ inch x ½ inch structural angle.</i> • <i>Five (5) holes shall be stamped to allow the positioning of the plow at 0, 35 and 42 degrees and locking in place, in accordance with Drawing SSP-06"</i> The following language has deleted from the section: • <i>"The notches shall be laser cut. (Flame cutting to achieve curve and notches shall not be acceptable.)"</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
68	3.4.11.7 Push Frame	The first and second bullet point in Bid Solicitation Section 3.4.11.7 reference drawings SSP-01 and SSP-4-132. The A-Frames on these two drawings are two totally different A-Frames. Q. Which print should we follow for this plow? A. Please refer to Drawing SSP-01.

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		Additionally, the reference to Drawing SPP-4-132 has been removed from Section 3.4.11.7. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
69	3.4.11.7 Push Frame	Bid Solicitation Section 3.4.11.7 references drawing SSP-01 and SSP-4-132. These would appear to show different push frame assemblies. Q. Is the push frame in the newer drawing SSP-01 the desired push frame? A. Yes, please see response to Question 68.
70	3.4.11.7 Push Frame	Bid Solicitation Section 3.4.11.7 states: "Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets and between them a curved socket member shall be provided to relieve the pivot pin of thrust stress." The more recent design shown in drawing SSP-01 does not appear to include a "curved socket member". Q. If a push frame design highly similar to the one in SSP-01 is supplied, can the requirement for a "curved socket member" be disregarded? A. Please refer to Drawing SSP-01. Additionally, the language in Section 3.4.11.7 has been revised as follows: Welded to the front of these triangular plates shall be a pair of ¾ inch x 4 inch steel brackets. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
71	3.4.11.7 Push Frame	Bid Solicitation Section 3.4.11.7 states: "A latch part shall be incorporated which continues further to the rear and presses against a heavy-duty latch spring measuring 5-7/16 inch O.D. x ¾ inch diameter spring wire with 9 inches of free travel. The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground. The latch shall seat against a circular plate welded to the rear cross channel. Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member." Q. All of these statements would appear to be applicable to a hydraulic reversible plow, but not applicable to a manual reversible snow plow, so can all of these requirements be disregarded for this plow? A. This is a hydraulic plow, as specified in Section 3.4.11.7. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
72	3.4.11.7 Push Frame	Bid Solicitation Section 3.4.11.7, states: "The two (2) rear channels of the push frame shall be provided with heavy-duty 1 inch thick A36 steel adjustable ear for attachment of the push frame to the travel hitch with 1-1/4 inch diameter bolt. Ear spacing shall be 21 inches." Q. Could you please clarify that? A. This refers to the method and means of attaching the plow assembly to the truck.
73	3.4.11.10 Lever-Lift Assembly	Q 1. Is this level lift assembly shown in any of the drawings, such as SSP-01? A1. Please refer to Drawing SSP-01. Additionally, the reference to Drawing SSP-01 has been added to Section 3.4.11.10. Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21." Q.2. Is the level lifting assembly a two-chain level lift that utilizes a telescoping arm hitch and welded ears on the push frame, or are sliding mechanisms required? The use of the phrase "mechanically activated" in the specification would lead one to believe that sliding mechanisms are required, but those are not shown in any of the drawings A2. No, sliding mechanisms are not required. Additionally, please refer to Section 3.4.11.10.
74	3.4.12 NJTA Specific Snow Plow Blade: Option A	The first bullet point in Section 3.4.12 referenced drawing SSP-08, which calls for ½ inch thick material, but does not show blade height and the written spec in bullet point three calls for 1 inch thick x 8 inch wide material. Q. Please specify which size material. A. The language in Section 3.4.12 has been revised as follows: <i>"There shall be two (2) snow plow blades each 1 inch thick x 8 inches high x 66 inches long. (NOTE: Please be advised the ½ inch thick reference on Drawing SSP-08 shall not be used)."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."
75	3.4.13 NJTA Specific Snow Plow Blade: Option B	The language in Section 3.4.13 has been revised as follows: <i>"There shall be two (2) snow plow blades each 1 inch thick x 8 inches high x 66 inches long, installed as a manufactured system including curb bumpers,</i>

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		<i>moldboard shoes and all mounting hardware. (NOTE: Please be advised the 3/4 inch thick reference on Drawing SSP-09 shall not be used)”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
76	3.4.14 NJTA Specific Snow Plow Blade: Option C	The language in Section 3.4.14 has been revised as follows: • <i>“There shall be two (2) snow plow blades each of 1 inch thick x 8 inches high x 66 inch long, installed as a manufactured system including the moldboard shoes and all mounting hardware. (NOTE: Please be advised the 5/8 inch thick reference on Drawing SSP-10 shall not be used)”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
77	3.4.15 NJTA Specific Ceramic Combination Plow Blade – Blades Only	The language in Section 3.4.15 has been revised as follows: • <i>“There shall be two (2) snow plow blades each 1 inch thick x 8 inches high x 66 inches long, provided as a manufactured system including moldboard shoes and all mounting hardware. (NOTE: Please be advised the 5/8 inch thick reference on Drawing SSP-10 shall not be used)”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
78	3.4.16 NJTA Specific Flexible Carbide Combination Plow Blade – Blades Only	The language in Section 3.4.16 has been revised as follows: • <i>“There shall be two (2) snow plow blades each 1 inch thick x 8 inches high x 66 inches long, provided as a manufactured system including moldboard shoes and all mounting hardware. (NOTE: Please be advised the 3/4 inch thick reference on Drawing SSP-09 shall not be used)”</i> Please see revisions to the Bid Solicitation titled “T1495 Revised Bid Solicitation 1.25.21.”
79	3.4.22.2 Moldboard	Q. Would the use of a fully welded top angle measuring 3 inches x 2 inches x 3/8 inch or 3 inches x 2-1/2 inches x 3/8 inch be acceptable in lieu of a self-formed channel? A. No, deviations/exceptions are not allowed. Please refer to Bid Solicitation Section 3.4, which states, in pertinent part: <i>“The following written specifications and attached drawings (Attachment A - NJDOT Specific Snow Plow Drawings and Attachment B - NJTA Specific Snow Plow Drawings) identify the technical requirements necessary to produce a satisfactory Unit.”</i> Additionally Bid Solicitations Sections 3.4.1 - 3.4.5 (NJDOT Specific Plows), Sections 3.4.8 – 3.4.12 (NJTA Specific Plows) and Section 3.4.22 (SJTA Specific Plow) states that the plows must be <i>“built in accordance with the listed specifications and drawings”</i>
80	3.4.22.7 Semi-Circle	Q. Would the use of 3-1/2 inch x 3-1/2 inch x 1/2 inch angles be acceptable for reinforcement?

#	Bid Solicitation Section Reference	Question (Bolded) and Answer
		A. Please see response to Question 79.
81	3.4.22.7 Semi-Circle	Q. Would it be acceptable to attach the running gear to the main tube of the push frame using heavy duty brackets, as on the Group 2 plows, rather than using 1/4 inch thick plates that are welded "to the radius and main angle"? A. Please see response to Question 79.
82	3.4.22.7 Semi-Circle	Q. Will the use of larger 1 inch diameter or 1-1/4 inch diameter be acceptable to attach the push frame to the moldboard? A. Please see response to Question 79.
83	3.4.22.11 Push Frame	Bid Solicitation Section 3.4.22.11 states: "The drive pins shall be fabricated out of heat-treated hardened steel with rivet head, pointed end and 1/4" cotter hole." Q. Will yellow zinc plated hitch pins with pivoting handle be acceptable, if they are the same 1-1/4 inch diameter of the "rivet head" pins specified? They are much easier for the operator to install and remove and are our standard in the application. A. Yes, yellow zinc plated hitch pins with pivoting handles are acceptable. Additionally, the language in Section 3.4.22.11 has been revised as follows: <i>"The Unit shall have drive pins fabricated out of heat-treated hardened steel with rivet head pointed end and ¼ inch cotter hole, or yellow zinc plated hitch pins with pivoting handles pointed end and ¼ inch cotter hole."</i> Please see revisions to the Bid Solicitation titled "T1495 Revised Bid Solicitation 1.25.21."