



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Solicitation

NUMBER
7013EC07

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
ALAN CUMMINGS 304-558-2402

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED
04/22/2013

BID OPENING DATE: 05/08/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		765-64		
ADDENDUM NO. 04 ISSUED TO EXTEND THE BID OPENING DATE FROM 04/24/13 AT 1:30 P.M. TO 05/08/13 AT 1:30 P.M. & TO DISTRIBUTE VENDOR QUESTIONS AND AGENCY RESPONSES. NINE CUBIC YARD STAINLESS STEEL ***** THIS IS THE END OF RFQ 7013EC07 ***** TOTAL:						

SIGNATURE		TELEPHONE		DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

SOLICITATION NUMBER: 7013EC07

Addendum Number: 4

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The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

**Applicable Addendum Category:**

- | Modify bid opening date and time
- | Modify specifications of product or service being sought
- | Attachment of vendor questions and responses
- | Attachment of pre-bid sign-in sheet
- | Correction of error
- | Other

**Description of Modification to Solicitation:**

ISSUED TO EXTEND THE BID OPENING DATE FROM 04/24/13  
AT 1:30 P.M. TO 05/08/13 AT 1:30 P.M. & TO DISTRIBUTE  
VENDOR QUESTIONS AND AGENCY RESPONSES.

**Additional Documentation:** Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

**Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

# ATTACHMENT A

## ADDENDUM NO. 4

Addendum for Pre-Bid

7013EC07

Nine Cubic Yard Spreader

The original language will be listed first with questions and answers to follow.

1. 3.1.1.2 Spreader shall consist of a 12 gauge 201 stainless steel body, feeder, conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit.

**Question # 1:** Highway Equipment/West Virginia Tractor: Will the DOH accept 304SS as it exceeds the mandatory specification?

**Answer:** Yes

**Question # 2:** LH Jones: Can the word "minimum" be inserted to describe the 12 ga steel body? Our manufacturer uses 10 gauge steel which exceeds the specification.

**Answer:** Yes, it will then read as: 3.1.1.2 Spreader shall consist of a minimum 12 gauge 201 stainless steel body, feeder, conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit.

**Question # 3:** LH Jones: Elsewhere throughout the specification, can 304 stainless steel be supplied in lieu of 201 stainless steel?

**Answer:** Yes, if a substitution is made for said material, it should be noted in the vendor's bid response.

2. 3.1.2.6 Sills shall be a minimum of 10 gauge 304 stainless steel with longitudinal flanges supported on rectangular formed cross sills.

**Question # 1:** Swenson Spreader: Would the state accept 201 stainless steel sills?

**Question/Suggestion # 2:** Baker Equipment: This should read as 201 stainless steel?

**Answer:** Yes, this will read: 3.1.2.6 Sills shall be a minimum of 10 gauge 201 stainless steel with longitudinal flanges supported on rectangular formed cross sills.

3. **3.1.2.7** The body shall be provided with four (4) 201 stainless steel 5/8 inch round lifting eyes. The inside eye opening shall be designed to allow the passage of an alloy eye type Grade 80' 3/8 inch grab hook with a width dimension of 2 11/16 inch (with the top screen down in the rest position on top of the spreader). Two (2) of the lifting eyes shall be on each side of spreader mounted and secured in such a manner that the entire unit may be safely lifted for storage/installation purposes.

**Question:** Baker Equipment: 5/8" round is not available in 201 stainless steel, will you change this to 304 stainless steel 5/8 inch round lifting eyes?

**Answer:** Yes, this will read as four (4) 304 stainless steel 5/8 inch round lifting eyes.

4. **3.1.2.8** Inside width shall be 84 inches maximum.

**Question:** Highway Equipment/West Virginia Tractor: Will DOH accept 82" as this is our standard model manufactured width?

**Answer:** No, specifications shall remain as written.

5. **3.1.3.2** Stainless steel cab shield shall extend 13 inches in front of hopper at 45 degrees.

**Question:** Swenson Spreader: Could the state provide the width for the cab shield?

**Answer:** A bolt on full width cab shield (84" x 13") with end plates and 2 gussets.

6. **3.1.4.2** Conveyor shall be continuous ladder type consisting of two (2) parallel chains with cross bars on 4 1/2" centers made of 1/4" x 1-1/2" steel.

**Question:** LH Jones: Could the word minimum be inserted between "of" and "1/4"?" The cross bars available to our manufacturer are a more rugged 3/8" x 1-1/2".

**Answer:** No, specifications remain as written.

7. **3.1.4.6** Replaceable rubber wear strips to prevent contact of materials being spread with the chain must be provided.

**Question # 1:** LH Jones: You are asking for rubber shields on spreader chain, do you want this just on the sides, front, back or all?

**Question # 2:** Henke Mfg.: Can I get clarification as to what your referring here? Are these mounted on the sides of the conveyor?

**Answer:** The rubber shields run lengthwise over chain with wiper seals at the rear of conveyor.

8. **3.1.4.11** Conveyor gear box motor shall have an integral speed sensor.

**Question # 1:** LH Jones: Could you provide specific information about what connectors should be used on the motor sensor to match with the State's existing wiring harnesses?

**Answer:** The spinner shall be 3.0 CIR 4 Volt White # 15505073153AAA or equal:

**Sensor 5.9 CIR 2 Volt M12, White # 155100A1115AAZDS or equal.**

**Question # 2:** LH Jones: Does the State have a preference about how many pulses the motor/sensor produces? If so please provide the preferred number of pulses.

**Answer:** Minimum 100 pulses per revolution.

Question 1 and 2 will be revised to read as: 3.1.4.11 Conveyor gear box motor shall have an integral speed sensor. The spinner shall be 3.0 CIR 4 Volt White # 15505073153AAA or equal. The sensor shall be 5.9 CIR 2 Volt M12, White # 155100A1115AAZDS or equal. The motor/sensor shall produce 100 pulses per revolution.

9. **3.1.4.14** Feedgate opening shall be 12" high x 18" wide.

**Question # 1/Suggestion:** Baker Equipment: This should read 10" high x 18" wide?

**Question # 2:** Henke Mfg.: Will you accept 10" x 18" opening? During operation the chute isn't opened but a couple inches anyway.

**Answer:** Correct to read as:

3.1.4.14 Feedgate opening shall be 10" x 18" wide.

10. **3.1.5.3** Spinner shall be vertically adjustable, a minimum 18 inches, and provide a 20 inch to 38 inch minimum spinner position below the mounting surface.

**Question/Suggestion:** Baker Equipment: We feel this should read as: Spinner shall be vertically adjustable, a minimum 18 inches and provide a 39" to 47 ¼" minimum spinner position below the mounting surface.

**Answer:** Revise to read as : 3.1.5.3 Spinner shall be vertically adjustable, a minimum 18 inches and provide a 39" to 47 ¼" minimum spinner position below the mounting surface.

11. 3.1.7 Power Drive

**Question/Suggestion:** Baker Equipment: This section needs to have a better description of location and type of motors.

**Answer:** This is a Charlyn motor or equal. It will be added to section 3.1.7. It will read as:

3.1.7.2 Charlyn motor or equal.

12. 3.1.8.1 A minimum of four (4) sectional screens shall be hinged to a 10 gauge 201 stainless 4 inch x 6 inch formed box beam running longitudinally the full length of spreader hopper.

**Question:** Highway Equipment/West Virginia Tractor: Will DOH accept 9.0 lb. CS 4" x 6" I- beam?

**Answer:** No, I-beams are not stainless steel, where a box beam is.

13. 3.1.10.4 / 3.1.12.1 Reference to "Snap-Tite" and "Parker"

**Question:** LH Jones: Snap-Tite and Parker brand name components are called for, respectively. Since these sections are mandatory specifications, are the brand names required? Or, per the instructions to vendors submitting bids, which says, all references to brands are to establish the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates... provided that the alternate is at least equal to the model or brand and complies with the specifications can alternate brands be supplied for these mandatory specifications as long as they are equal in specification?

**Answer:** These sections 3.1.10.4 and 3.1.12.1 will be revised to read "Snap-Tite" and "Parker" or equal.

14. 3.2.2 Body

3.2.2.1 Top of the body should have a formed double crimped section for additional support.

Question/Suggestion: Baker Equipment: This describes the top edge double flange lip that is formed into the top edge of the sides and ends giving the sides and ends a top rail for both support and a frame work for the top screens to rest on. (Without this the sheets would have no support at the top edge). We would like for this to be moved to mandatory?

Answer: Move to mandatory and it will read as:

3.1.2.10 Top of the body shall have a formed double crimped section for additional support.

15. 3.2.2.2 Should have a minimum six (6) sides composed of 12 gauge 201 stainless steel. The body should have full slope body side supports rigidly tying in the formed cross sills with the body sides to give the highest degree of resistance to warping or twisting under heavy loads.

Question # 1: Baker Equipment: This needs to be moved to mandatory and it should read as four (4) side supports?

Question # 2: Swenson Spreader: Can the state provide clarification on what this means "a minimum of six (6) sides? Is the six (6) sides total or per side? Does the Five CY spreader have the same six (6) sides?

Answer: Move to mandatory and revise, it will read as:

3.1.2.11 Shall have a minimum six (6) side supports total composed of 12 gauge 201 stainless steel. The body shall have full slope body side supports rigidly tying in the formed cross sills with the body sides to give the highest degree of resistance to warping or twisting under heavy loads.

Answer: No, the 5 cubic yd. spreader has a minimum of 4 sides.

16. 3.2.3 Hardware

3.2.3.1 A 12 gauge 201 stainless steel cab shield should be mounted on front of body to protect cab from falling material when loading with slope designed to fall in hopper as spreader unloads.

3.2.3.2 Ladder to be equipped with hand holds, non-slip strut steps, and manufacturers locking mechanism to lock ladder in up position when not in use.

Question # 1/Suggestion: Baker Equipment: The above items need to be moved to mandatory, because these items are descriptive information that need to be included in mandatory.

Question # 2: Swenson Spreader: Can the state provide dimensions for the cab shield?

Answer: Please see question # 5 for answer to cab shield dimensions. We will delete section 3.2.3 and move it to mandatory. It will read as:



3.1.3.6 A 12 gauge 201 stainless steel cab shield shall be mounted on front of body to protect cab from falling material when loading with slope designed to fall in hopper as spreader unloads.

3.1.3.7 Ladder to be equipped with hand holds, non-slip strut steps, and manufacturers locking mechanism to lock ladder in up position when not in use.

17. 3.2.4 Conveyor

3.2.4.1 Chain driven by 6 tooth drop forged steel sprockets and 1 ½ inch alloy steel front and rear.

3.2.4.2 Additional 7 gauge 201 stainless steel reinforcing plate should be welded to longitudinal webs covering area of drive shaft bearing and idler bearing adjustment (if required).

3.2.4.3 A 7 gauge stainless steel adjustable discharge gate of the greasable screw jack type, located at the rear to properly adjust the flow of material to the spinner.

**Question/Suggestion:** Baker Equipment: The above items need to be put in mandatory requirements. They are integral parts of the conveyor system in order to make sure the conveyor works. Also the rear feedgate is a integral part of the system, as well it is needed to regulate the flow of material to the spinner for correct pounds per mile calibration of material being put down on the roads.

**Answer:** Delete section 3.2.4 and move to mandatory. It will then read as:

3.1.4.15 Shall be chain driven by 6 tooth drop forged steel sprockets and 1 ½ inch alloy steel front and rear.

3.1.4.16 Additional 7 gauge 201 stainless steel reinforcing plate shall be welded to longitudinal webs covering area of drive shaft bearing and idler bearing adjustment (if required).

3.1.4.17 Shall have a 7 gauge stainless steel adjustable discharge gate of the greasable screw jack type, located at the rear to properly adjust the flow of material to the spinner.

18. 3.2.5 Baffles

3.2.5.1 Should have four (4) sections over right, left, rear, and front of spinners. The front spinner baffle shield (truck side) can be stationary.

**Question:** Baker Equipment: We are requesting that this be put into mandatory requirements, because it describes the four (4) baffles and their position?

**Answer:** Delete section 3.2.5 and move to mandatory. It will then read as:

3.1.6.3 Shall have four (4) sections over right, left, rear, and front of spinners. The front spinner baffle shield (truck side) can be stationary.

19. 3.2.7.1 The spinner hydraulic motor should be mounted below the spinner hopper assembly.

**Question # 1:** Henke Mfg.: Our hydraulic motor assembly mounts above, is this acceptable?

**Question # 2:** Baker Equipment: We feel this needs put into mandatory, because the descriptive information is needed to properly get the correct motors in the correct locations. Our motor is mounted above the spinner disc assembly, is this acceptable?

**Answer:** Yes, we will delete section 3.2.7 and revise and move to mandatory. It will then read as:

3.1.7.2 The spinner hydraulic motor shall be mounted above the spinner hopper assembly.

20. 3.2.7.2 The orbital, low speed, hi-torque type, conveyor hydraulic motor should be integrally mounted to conveyor gear box.

**Question:** Baker Equipment: This should be moved to mandatory?

**Answer:** Move to mandatory, it will read as:

3.1.7.3 The orbital, low speed, hi-torque type, conveyor hydraulic motor shall be integrally mounted to conveyor gear box.

21. 3.2.8.1 Screen sections should be 3/8" diameter rods welded to 3/16 inch – 2 inch angle frame forming 2-1/2" x 2-1/2" square openings.

3.2.8.2 Screens should not increase the overall height of the spreader more than 7" down center.

3.2.8.3 Screens should be powered black.

**Question:** Baker Equipment: These 3 sections 3.2.8.1, 3.2.8.2 and 3.2.8.3 need to be moved to mandatory, because it is descriptive information needed to build and bid the top screens for the unit? We feel 3.2.8.3 should read wet painted black.

**Answer:** We will delete section 3.2.8 and move it to mandatory. We will also revise 3.2.8.3 to read wet painted black. This will read as:

3.1.8.2 Screen sections shall be 3/8" diameter rods welded to 3/16 inch -2 inch angle frame forming 2-1/2" x 2-1/2" square openings.

3.1.8.3 Screens shall not increase the overall height of the spreader more than 7" down center.

3.1.8.4 Screens shall be wet painted black.

22. 3.2.9.1 Combination/marker lights should be LED type.

3.2.9.2 A work light should be mounted on cab shield for night shift visibility of spreader grating with weatherproof wiring.

**Question:** Baker Equipment: These two (2) sections need to be moved to mandatory, due to descriptive information needed to build and bid the lighting section?

**Answer:** We will delete section 3.2.9 and move it to mandatory, it will read as:

3.1.9.3 Combination/marker lights shall be LED type.

3.1.9.4 A work light shall be mounted on cab shield for night shift visibility of spreader grating with weatherproof wiring.

**Questions that had no reference numbers with them:**

23. **Question:** LH Jones: The 13' spreader is calling for a 13' cab shield as a mandatory specification and the 9' spreader is calling for a 20" cab shield as a non-mandatory specification, can we provide one size or the other for all spreaders?

**Answer:** Remains as written.

24. **Question:** Baker Equipment: In a previous spec there was a schematic provided and referred to. This is not in the new specification?

**Answer:** This was distributed at the pre-bid and is also included in this addendum as Exhibit C.

25. **Question:** Baker Equipment: The team wonders if we should ask about installation at factory of the spill shield, work light and screen. The questions were asked for each of these in 2011 and response was to ship loose. Should we assume the same for this bid?

**Answer:** Yes.

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: 7013EC07**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**  
(Check the box next to each addendum received)

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.  
Revised 6/8/2012