



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

Solicitation

NUMBER
7013EC06

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		EA		765-66		
SPREADERS, TRUCK MOUNTED (FOR AGGREGATE, ICE CONTROL						
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.						
0002	1	EA		765-66		
5 CUBIC YARD SPREADER						
***** THIS IS THE END OF RFQ 7013EC06 ***** 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: 7013EC06
Addendum Number: 4

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

7013EC06

Five Cubic Yard Spreader

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

1. 3.1.1.1 Spreader offered shall be within the range of 4.8-5 cubic yard capacity minimum, commercial heavy-duty, self-contained, hopper type.

Question: Highway Equipment/West Virginia Tractor: Our standard model has struck capacity of 4.7 cu. yds. Is this acceptable?

Answer: No, our minimum capacity remains as 4.8. This is mandatory.

2. 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

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.

3. 3.1.2.1 The body shall be of 201 stainless steel construction 100% welded inside and outside of body.

Question: Highway Equipment/West Virginia Tractor: Will DOH accept fully welded on outside of body only?

Answer: No, weld must be as specified, This is mandatory.

4. 3.1.2.5 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: This will now read as:

3.1.2.5 Sills shall be a minimum of 10 gauge 201 stainless steel with longitudinal flanges supported on rectangular formed cross sills.

5. **3.1.2.6** 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.

6. **3.1.2.7** Overall height shall be 48 inches minimum/49 inches maximum.

Question: Highway Equipment/West Virginia Tractor: Will the Doh accept 50" as this is our standard model manufactured height?

Answer: No, our maximum height is 49".

7. **3.1.2.8** Inside width shall be 84 inches minimum/85 inches maximum.

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

Answer: No, our minimum width is 84".

8. **3.1.3.2** A 12 gauge 201 stainless steel front mounted spill shield shall be provided.

Question: Swenson Spreader: Does the state have a desirable slope as the Nine cu. Yd spreader?

Answer: Yes, 45°, this will read as:

3.1.3. A 12 gauge 201 stainless steel front mounted spill shield with a 45° slope shall be provided.

9. **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, remains as written.

10. 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: Answer is for both questions. The rubber shield s run lengthwise over chain with wiper seal at the rear of conveyor.

11. 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 O/E;

Sensor 5.9 CIR 2 Volt M12, White # 155100A1115AAZDS O/E.

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: 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/revolution.

12. 3.1.4.15 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 : 3.1.4.15 Feedgate opening shall be 10" high x 18" wide.

13. 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: We will revise this 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.

14. 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.

15. 3.1.8.1 Shall have 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.

16. 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 O/E.

17. 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: This will be moved to mandatory and will be: 3.1.2.9 Top of the body shall have a formed double crimped section for additional support.

18. 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 Nine CY spreader have the same six (6) sides?

Answer: This should read as four (4) side supports. This will be moved to mandatory and will read as:

3.1.2.10 Shall have a minimum four (4) sides 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.

19. 3.2.3 Hardware

3.2.3.1 The spill shield should be 76 inches wide x 20 inches long and sloped, front to rear so that the loaded material, salt, cinders, etc. will fall into the 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/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: Does the state have a desirable slope as the Nine cu. Yd. spreader?

Answer: 45°

Question # 3 Swenson Spreader: How much does the spill shield extend out?

Answer: 20"

Answer: These item will be moved to mandatory and will read as:

3.1.3.6 The spill shield shall be 76 inches wide x 20 inches long and sloped 45° front to rear so that the loaded material, salt, cinders, etc. will fall into the hopper as spreader unloads. The spill shield shall extend 20".

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

20. 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: Move to mandatory , will read as:

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

3.1.4.17 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).

3.1.4.18 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.

21. 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 section 3.1.6. This will 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.

22. **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, and we will move this to 3.1.7.3 and it will read as:

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

23. **3.2.7.2** The conveyor hydraulic motor should be of the orbital, low speed, hi-torque type, integrally mounted to conveyor gear box.

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

Answer: Move to mandatory and will read as:

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

24. **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.

Question: Baker Equipment: These two (2) sections 3.2.8.1 and 3.2.8.2 need to be moved to mandatory, because it is descriptive information needed to build and bid the top screens for the unit?

Answer: Delete section 3.2.8 and move to mandatory. This section will then 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.

25. 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: Delete section 3.2.9 and move to mandatory. This section will then 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:

26. **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: No remains as specified.

27. **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 pre-bid. It is also being included as Exhibit C.

28. **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.: 7013EC06

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 acknowledgment should be submitted with the bid to expedite document processing.
 Revised 6/8/2012