

ACTION SHEET
CITY COUNCIL COMMITTEE MEETING OF 08/03/15
ITEM FROM FINANCE COMMITTEE MEETING OF 08/12/15

ISSUE:

8. Request for Approval of Procurement Under State Price Agreement – One Dump Truck, One Plow and Spreader Boxes for Streets & Drainage Maintenance Division; Summit Truck Group and MCT Industries, Inc. (David Catanach)

FINANCE COMMITTEE ACTION:

Approved as Consent item.

FUNDING SOURCE:

SPECIAL CONDITIONS OR AMENDMENTS

STAFF FOLLOW-UP:

VOTE	FOR	AGAINST	ABSTAIN
COUNCILOR TRUJILLO	Excused		
COUNCILOR RIVERA	X		
COUNCILOR LINDELL	X		
COUNCILOR MAESTAS	X		
CHAIRPERSON DOMINGUEZ			

4-13-15

**ACTION SHEET
ITEM FROM THE
PUBLIC WORKS/CIP AND LAND USE COMMITTEE MEETING
OF
MONDAY, JULY 27, 2015**

ITEM 8

REQUEST FOR APPROVAL TO PURCHASE A DUMP TRUCK WITH PLOW AND SPREADER BOX VIA STATE PRICE AGREEMENT FROM SUMMIT TRUCK GROUP (#22-000-00-00105) AND MCT INDUSTRIES(40-805-13-10257 AND #40-805-13-10348) FOR A TOTAL COST OF \$190,159 **(DAVID CATANACH)**

PUBLIC WORKS COMMITTEE ACTION: Approved on consent

FUNDING SOURCE: 32390.570500 and 32390.571000

SPECIAL CONDITIONS / AMENDMENTS / STAFF FOLLOW UP:

VOTE	FOR	AGAINST	ABSTAIN
CHAIRPERSON TRUJILLO			
COUNCILOR BUSHEE	X		
COUNCILOR DIMAS	X		
COUNCILOR DOMINGUEZ	X		
COUNCILOR RIVERA	X		

City of Santa Fe, New Mexico

memo

DATE: July 20, 2015

TO: Public Works / Finance Committee

VIA: 
Isaac Pino, PE, Public Works Department Director

FROM: David Catanach, PE, Streets & Drainage Maintenance Division Director

SUBJECT: Request to purchase one (1) Plow/Spreader Boxes & one (1) Dump Truck

We are requesting the purchase of one (1) Plow/Spreader Boxes & one (1) Dump Truck to supplement our older corroded equipment originally acquired in the early 90's. Procurement will be via the following State Price Agreements;

Vendor Names: (AA) SUMMIT TRUCK GROUP
1623 Aspen Ave
ALBUQUERQUE, NM 87104

(AB) MCT INDUSTRIES, INC
7451 Pan American Freeway
ALBUQUERQUE, NM 87109

These agreements cover the following items:

	Vendor	Cost
22-000-00-00105 – Cab and Chassis	(AA)	\$122,839
40-805-13-10348 – 10 Cubic Yard Dump Bodies	(AB)	\$ 39,650
40-805-13-10257 – Plow and Spreader Boxes	(AB)	<u>\$ 27,670</u>
	TOTAL COST	<u>\$190,159</u>

Funding for this equipment has been budgeted for, and is available under Business Unit 32390.570500 for the Plow and Spreader Boxes and 32390.571000 for the Dump Trucks.

RECOMMENDATION:

Recommend approval for the purchase of one (1) Plow/Spreader Boxes & one (1) Dump Truck via State Price Agreements for a total cost of \$190,159.



State of New Mexico
General Services Department
Purchasing Division

Statewide Price Agreement Amendment

Awarded Vendor:
0000083388
Summit Truck Group
1623 Aspen Avenue NW
Albuquerque, NM 87104
Telephone No.: 505-243-7883

Price Agreement Number: 22-000-00-00105

Price Agreement Amendment No.: Six

Term: October 10, 2012-October 9, 2015

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public bodies
allowed by law.

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Invoice:
As Requested

Title: **Truck Cab and Chassis 25K, 37K, 58K, and 54K**

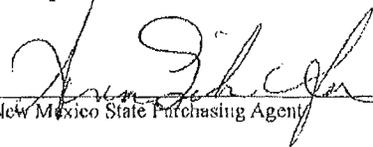
This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

This amendment is issued to reflect the following effective immediately:

Change vendor name of vendor (AF) Roberts Truck Center of New Mexico LLC to Summit Truck Group. Vendor number, address and Federal Tax ID # shall remain the same.

The provisions of the Price Agreement shall remain in full force and effect, except as modified by this amendment.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 11/20/14

Purchasing Division, 1100 St. Francis Drive 87505, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472
LM;es 

CITY OF SANTA FE OTHER METHOD PROCUREMENT CHECKLIST

Contractor Name: ROBERTS TRUCK CENTER / SUMMIT TRUCK GROUP

Procurement Title: DUMP TRUCK CAB AND CHASSIS

Other Methods: State Price Agreement Cooperative Sole Source Exempt Other STATE PRICE AGREEMENT

Department Requesting/Staff Member: PUBLIC WORKS / STREETS / DAVID CATANACH

Procurement Requirements:

A procurement file shall be maintained for all contracts, regardless of the method of procurement. The procurement file shall contain the basis on which the award is made, all submitted bids, all evaluation materials, score sheets, quotations and all other documentation related to or prepared in conjunction with evaluation, negotiation, and the award process. The procurement shall contain a written determination from the Requesting Department, signed by the purchasing officer, setting forth the reasoning for the contract award decision before submitting to the Committees. .

REQUIRED DOCUMENTS FOR APPROVAL BY PURCHASING*

YES	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approved Procurement Checklist (by Purchasing)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Departments Recommendation of Award Memo addressed to Finance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	State Price Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cooperative Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sole Source Request and Determination Form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contractors Exempt Letter
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Purchasing Officers approval for exempt procurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BAR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FIR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contract, Agreement or Amendment
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Current Business Registration and CRS numbers on contract or agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Summary of Contracts and Agreements form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Certificate of Insurance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other: _____

DAVID CATANACH

Department Rep Printed Name and Title

[Signature]
Department Rep Signature attesting that all information included

[Signature] 7/14/15
Purchasing Officer attesting that all information is reviewed

REQUIRED DOCUMENTS FOR OTHER METHOD FILE*

YES	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	State Price Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cooperative Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sole source Request and Determination Form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contractors Exempt Letter
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Purchasing Officers approval of exempt procurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Copies of all Sole Source submittals

*

Other: _____

AWARD*

YES N/A

Fully executed Memo to Committees from the Department with recommendation of award
 Other: _____

CONTRACT*

YES N/A

Copy of Executed Contract
 Copy of all documentation presented to the Committees
 Finalized Council Committee Minutes
 Other: _____

Include all other substantive documents and records of communication that pertain to the procurement and any resulting contract.

Create a separate file folder which may contain any documents with trade secrets or other competitively sensitive, confidential or proprietary information.

DAVID CATANACCI
Department Rep Printed Name and Title

David Catanacci
Department Rep Signature attesting that all information included

CITY OF SANTA FE OTHER METHOD PROCUREMENT CHECKLIST

Contractor Name: MCT INDUSTRIES, INC.

Procurement Title: 10 cy Dumb Body, SNOW PLOW, & SPREADER BOX

Other Methods: State Price Agreement Cooperative Sole Source Exempt Other STATE PRICE AGREEMENT

Department Requesting/Staff Member PUBLIC WORKS / STREETS / DAVID CATANACH

Procurement Requirements:

A procurement file shall be maintained for all contracts, regardless of the method of procurement. The procurement file shall contain the basis on which the award is made, all submitted bids, all evaluation materials, score sheets, quotations and all other documentation related to or prepared in conjunction with evaluation, negotiation, and the award process. The procurement shall contain a written determination from the Requesting Department, signed by the purchasing officer, setting forth the reasoning for the contract award decision before submitting to the Committees. .

REQUIRED DOCUMENTS FOR APPROVAL BY PURCHASING*

YES	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approved Procurement Checklist (by Purchasing)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Departments Recommendation of Award Memo addressed to Finance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	State Price Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cooperative Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sole Source Request and Determination Form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contractors Exempt Letter
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Purchasing Officers approval for exempt procurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BAR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FIR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contract, Agreement or Amendment
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Current Business Registration and CRS numbers on contract or agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Summary of Contracts and Agreements form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Certificate of Insurance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other: _____

DAVID CATANACH
 Department Rep Printed Name and Title

[Signature]
 Department Rep Signature attesting that all information included

[Signature] 7/15/15
 Purchasing Officer attesting that all information is reviewed

REQUIRED DOCUMENTS FOR OTHER METHOD FILE*

YES	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	State Price Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cooperative Agreement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sole source Request and Determination Form
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Contractors Exempt Letter
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Purchasing Officers approval of exempt procurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Copies of all Sole Source submittals

Other: _____

AWARD*

YES N/A

Fully executed Memo to Committees from the Department with recommendation of award
 Other: _____

CONTRACT*

YES N/A

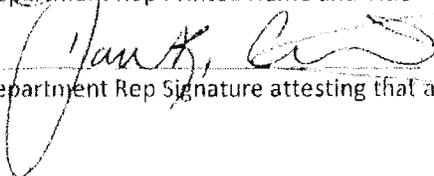
Copy of Executed Contract
 Copy of all documentation presented to the Committees
 Finalized Council Committee Minutes
 Other: _____

Include all other substantive documents and records of communication that pertain to the procurement and any resulting contract.

Create a separate file folder which may contain any documents with trade secrets or other competitively sensitive, confidential or proprietary information.

DAVID CAZANACH

Department Rep Printed Name and Title



Department Rep Signature attesting that all information included



State of New Mexico
General Services Department
Purchasing Division

Statewide Price Agreement Amendment

Awarded Vendor:
0000054961
Bruckner Truck Sales, Inc.
5010 Jefferson Street NE
Albuquerque, NM 87109

Telephone No.: 505-843-7703

Price Agreement Number: 22-000-00-00105

Price Agreement Amendment No.: Five

Term: October 10, 2012-October 9, 2015

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public bodies
allowed by law.

Procurement Specialist: Eric Sanchez *ES*

Telephone No.: (505) 827-0554

Invoice:
As Requested

Title: Truck Cab and Chassis 25K, 37K, 58K and 54K

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

This amendment is issued to reflect the following effective January 1, 2015:

See attached price escalation sheet for vendors AC and AD.

The provisions of the Price Agreement shall remain in full force and effect, except as modified by this amendment.

Accepted for the State of New Mexico

[Signature]
New Mexico State Purchasing Agent

Date: 10/15/14

Purchasing Division, 1100 St. Francis Drive 87505, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472
LM;es *[Signature]*

Amendment number 5 for price agreement 22-000-00-00105

Vendor (AC) Bruckner Truck Sales price escalations:

Item 003	Base price \$117,167	Item 004	Base price \$120,624
	Option E) \$7762		Option B) \$943
	Option F) \$3444		Option I) \$1956
	Option G) \$2983		Option N) \$1778
	Option H) \$1305		Option P) \$17667
	Option Q) \$2952		Option S) \$5458
	Option T) \$6897		Option U) \$5140
	Option W) \$395		Option V) \$1933
	Option DD) \$5458		Option X) \$2122
	Option GG) \$348		
	Option HH) \$1109		

Vendor (AD) Bruckner Truck Sales price escalations:

Item 003	Base price \$113,210	Item 004	Base price \$116,382
	Option E) \$2689		Option A) \$641
	Option F) \$3720		Option B) \$917
	Option G) \$4087		Option I) \$3016
	Option H) \$762		Option M) \$444
	Option Q) \$3607		Option N) \$2270
	Option R) \$244		Option T) \$2100
	Option T) \$6742		Option U) \$5961
	Option V) \$361		Option V) \$2126
	Option W) \$398.		Option W) \$1070
	Option X) \$1854		Option X) \$1570
	Option GG) \$629		
	Option IIII) \$617		



State of New Mexico
General Services Department
Purchasing Division

Statewide Price Agreement Amendment

Awarded Vendor: 8 Vendors Telephone No.:
--

Price Agreement Number: 22-000-00-00105

Price Agreement Amendment No.: Four

Term: October 10, 2014-October 9, 2015

Ship To: All State of New Mexico agencies, commissions, institutions, political subdivisions and local public bodies allowed by law.
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Procurement Specialist: Eric Sanchez

Telephone No.: (505) 827-0554

Invoice: As Requested

Title: Truck Cab and Chassis 25K, 37K, 58K and 54K

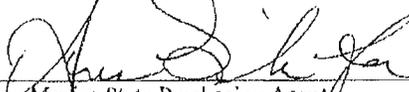
This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Price Agreement provisions, and by mutual agreement of all parties, this Price Agreement is extended from October 10, 2014 to October 9, 2015 at the same terms and conditions.

See attached pages for price changes (vendors AE and AF).

The provisions of the Price Agreement shall remain in full force and effect, except as modified by this amendment.

Accepted for the State of New Mexico



 New Mexico State Purchasing Agent

Date: 9/29/14

Price Changes for Amendment number four price agreement 22-000-00-00105

Vendor AE inland Kenworth:

Item #1 – 25,500 lb GVWR Cab & Chassis Truck

Change base price per unit to \$83,080

Item #2 – 37,000 lb GVWR Cab & Chassis Truck

Change base price per unit to \$99,496

Option A – Change deduct price to \$5,715

Item #3 – 58,000 lb GVWR Cab & Chassis Truck

Change base price to \$122,501

Option A – Change deduct price to \$582

Option F – Change add price to \$3,127

Option G – Change add price to \$3,170

Option K – Change deduct price to \$1,977

Option M – Change deduct price to \$92

Option Q – Change from add \$200 to deduct \$1,057

Option AA – Change add price to \$1,793

Option DD – Change add price to \$7,325

Option FF – Change deduct price to \$1,882

Item #4 – 54,000 lb GVWR Cab & Chassis

Change base price to \$118,449

Option I – Change add price to \$535

Option N – Change add price to \$832

Option P – Change add price to \$11,810

Option S – Change add price to \$7,325

Option T – Change add price to \$3,338

Option U – Change add price to \$4,054

Option V – Change add price to \$1,461

Option X – Change add price to \$1,164

Price Changes for Amendment number four price agreement 22-000-00-00105

Vendor AF Roberts Truck Center:

Item number 1 base price: \$73,308.00

Item number 2 base price: \$91,159.00

Item number 3 base price: \$111,384.00

Item number 4 base price (primary): \$124,472.00

Item number 4 base price (alternate truck): \$120,154.00



State of New Mexico
General Services Department
Purchasing Division

Statewide Price Agreement Amendment

Awarded Vendor
0000054961
Bruckner Truck Sales, Inc.
5010 Jefferson Street NE
Albuquerque, NM 87109

Telephone No. 505-843-7703

Price Agreement Number: 22-000-00-00105 AD

Price Agreement Amendment No.: Three

Term: October 10, 2012-October 9, 2014

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public bodies
allowed by law.

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Invoice:

As Requested

Title: **Truck Cab & Chassis 25K, 37K, 58K and 54K**

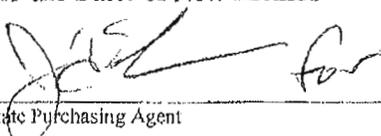
This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

This amendment is issued to reflect the following effective immediately:

See attached page for increases on items 3 and 4.

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 12/2/13

Amendment for Price Agreement Number 22-000-00-00105
amendment number Three.

Following are Price escalations (3%) effective immediately for vendor AD;

Item 003	Base price \$109,864	Item 004	Base price \$112,944
	Option E) \$2611		Option A) \$622
	Option F) \$3612		Option B) \$890
	Option G) \$3968		Option I) \$2928
	Option H) \$740		Option M) \$431
	Option Q) \$3502		Option N) \$2204
	Option R) \$237		Option T) \$2039
	Option T) \$6546		Option U) \$5787
	Option V) \$350		Option V) \$2064
	Option W) \$386		Option W) \$1039
	Option X) \$1800		Option X) \$1524
	Option GG) \$611		
	Option HH) \$599		

The base price reflects a 3% increase in addition to a \$75 increase in freight.



State of New Mexico
General Services Department
Purchasing Division

Statewide Price Agreement Amendment

Awarded Vendor
0000054961
Bruckner Truck Sales, Inc.
5010 Jefferson Street NE
Albuquerque, NM 87109

Telephone No. 505-843-7703

Price Agreement Number: 22-000-00-00105 AC

Price Agreement Amendment No.: Two

Term: October 10, 2012-October 9, 2014

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public bodies
allowed by law.

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Invoice:

As Requested

Title: Truck Cab & Chassis 25K, 37K, 58K and 54K

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

This amendment is issued to reflect the following effective immediately:

See attached page for increases on items 3 and 4.

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 12/2/13



State of New Mexico
General Services Department
Purchasing Division

70
GSD/PD (Rev. 01/11)

Statewide Price Agreement Amendment

Awarded Vendor
8 Vendors

Telephone No. _____

Price Agreement Number: 22-000-00-00105

Price Agreement Amendment No.: One

Term: October 10, 2012-October 9, 2014

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public bodies
allowed by law.

Procurement Specialist: Eric Sanchez

Telephone No.: (505) 827-0554

Invoice:

As Requested

Title: **Truck Cab and Chassis 25K, 37K, 58K and 54K**

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Price Agreement provisions, and by mutual agreement of all parties, this Price Agreement is extended from October 10, 2013 to October 9, 2014 at the same terms and conditions.

See attached sheet for price escalations (2 pages)

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico

New Mexico State Purchasing Agent

Date: 10/7/13



State of New Mexico
General Services Department

Statewide Price Agreement

Awarded Vendor
8 Vendors – See Page 7

Telephone No. _____

Price Agreement Number: 22-000-00-00105

Payment Terms: Net 30

F.O.B.: Destination

Delivery: See Page 7

Ship To:
All State of New Mexico agencies, commissions,
institutions, political subdivisions and local public
bodies allowed by law.

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Invoice:
As Requested

Title: **Truck Cab and Chassis 25K, 37K, 58K and 54K**

Term: **October 10, 2012 thru October 9, 2013**

This Price Agreement is made subject to the "terms and conditions" shown on the reverse side of this page, and as indicated in this Price Agreement.

Accepted for the State of New Mexico

Date: 10/10/12

New Mexico State Purchasing Agent

Purchasing Division, 1100 St. Francis Drive, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

RM

State of New Mexico
General Services Department
Purchasing Division
Price Agreement #: 22-000-00-00105

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Terms and Conditions
(Unless otherwise specified)

1. **General:** When the State Purchasing Agent or his/her designee issues a purchase document in response to the Vendor's bid, a binding contract is created.
2. **Variation in Quantity:** No variation in the quantity of any item called for by this order will be accepted unless such variation has been caused by conditions of loading, shipping, packing or allowances in manufacturing process and then only to the extent, if any, specified in this order.
3. **Assignment:**
 - a. Neither the order, nor any interest therein, nor any claim thereunder, shall be assigned or transferred by the Vendor, except as set forth in Subparagraph 3b or as expressly authorized in writing by the State Purchasing Agent or his/her designee. No such assignment or transfer shall relieve the Vendor from the obligations and liabilities under this order.
 - b. Vendor agrees that any and all claims for overcharge resulting from antitrust violations which are borne by the State as to goods, services, and materials purchased in connection with this bid are hereby assigned to the State.
4. **State Furnished Property:** State furnished property shall be returned to the State upon request in the same condition as received except for ordinary wear, tear and modifications ordered hereunder.
5. **Discounts:** Prompt payment discounts will not be considered in computing the low bid. Discounts for payment within twenty (20) days will be considered after the award of the contract. Discounted time will be computed from the date of receipt of the merchandise invoice, whichever is later.
6. **Inspection:** Final inspection and acceptance will be made at the destination. Supplies rejected at the destination for nonconformance with specifications shall be removed at the Vendor's risk and expense, promptly after notice of rejection.
7. **Inspection of Plant:** The State Purchasing Agent or his/her designee may inspect, at any reasonable time, the part of the Contractor's, or any subcontractor's plant or place of business, which is related to the performance of this contract.
8. **Commercial Warranty:** The Vendor agrees that the supplies or services furnished under this order shall be covered by the most favorable commercial warranties the Vendor gives for such to any customer for such supplies or services. The rights and remedies provided herein shall extend to the State and are in addition to and do not limit any rights afforded to the State by any other clause of this order. Vendor agrees not to disclaim warranties of fitness for a particular purpose of merchantability.
9. **Taxes:** The unit price shall exclude all state taxes.
10. **Packing, Shipping and Invoicing:**
 - a. The State's purchasing document number and the Vendor's name, user's name and location shall be shown on each packing and delivery ticket, package, bill of lading and other correspondence in connection with the shipments. The user's count will be accepted by the Vendor as final and conclusive on all shipments not accompanied by a packing ticket.
 - b. The Vendor's invoice shall be submitted duly certified and shall contain the following information: order number, description of supplies or services, quantities, unit price and extended totals. Separate invoices shall be rendered for each and every complete shipment.
 - c. Invoices must be submitted to the using agency and NOT the State Purchasing Agent.
11. **Default:** The State reserves the right to cancel all or any part of this order without cost to the State, if the Vendor fails to meet the provisions of this order and, except as otherwise provided herein, to hold the Vendor liable for any excess cost occasioned by the State due to the Vendor's default. The Vendor shall not be liable for any excess costs if failure to perform the order arises out of causes beyond the control and without the fault or negligence of the Vendor.

State of New Mexico
General Services Department
Purchasing Division
Price Agreement #: 22-000-00-00105

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such causes include but are not restricted to, acts of God or the public enemy, acts of the State or Federal Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of subcontractors due to any of the above, unless the State shall determine that the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Vendor to meet the required delivery scheduled. The rights of the State provided in this paragraph shall not be exclusive and are in addition to any other rights now being provided by law or under this order.

12. **Non-Collusion:** In signing this bid the Vendor certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the State Purchasing Agent or his/her designee.

13. **Nondiscrimination:** Vendor doing business with the State of New Mexico must be in compliance with the Federal Civil Rights Act of 1964 and Title VII of the Act (Rev. 1979) and the Americans with Disabilities Act of 1990 (Public Law 101-336).

14. **The Procurement Code:** Sections 13-1-28 through 13-1-99 NMSA 1978, imposes civil and criminal penalties for its violation. In addition the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.

15. All bid items are to be NEW and of most current production, unless otherwise specified.

16. **Payment for Purchases:** Except as otherwise agreed to: late payment charges may be assessed against the user state agency in the amount and under the conditions set forth in Section 13-1-158 NMSA 1978.

17. **Workers' Compensation:** The Contractor agrees to comply with state laws and rules pertaining to Workers' Compensation benefits for its employees. If the Contractor fails to comply with Workers' Compensation Act and applicable rules when required to do so, this Agreement may be terminated by the contracting agency.

18. Bids must be submitted in a sealed envelope with the bid number and opening date clearly indicated on the bottom left hand side of the front of the envelope. Failure to label bid envelope will necessitate the premature opening of the bid in order to identify the bid number.

19. **Contractor Personnel:** Personnel proposed in the Contractor's written proposal to the Procuring Agency are considered material to any work performed under this Price Agreement. Once a Purchase Order or contract has been executed, no changes of personnel will be made by the Contractor without prior written consent of the Procuring Agency. Replacement of any Contractor personnel, if approved, shall be with personnel of equal ability, experience, and qualifications. The Contractor will be responsible for any expenses incurred in familiarizing the replacement personnel to insure their being productive to the project immediately upon receiving assignments. Approval of replacement personnel shall not be unreasonably withheld. The Procuring Agency shall retain the right to request the removal of any of the Contractor's personnel at any time.

20. **Subcontracting:** The Contractor shall not subcontract any portion of the Price Agreement without the prior written approval of the Procuring Agency. No such subcontracting shall relieve the Contractor from its obligations and liabilities under this Price Agreement, nor shall any subcontracting obligate payment from the Agency.

21. **Records and Audit:** The Contractor shall maintain detailed time and expenditure records that indicate the date, time, nature, and cost of services rendered during this Price Agreement's term and effect, and retain them for a period of three (3) years from the date of final payment under this Price Agreement. The records shall be subject to inspection by the Agency, State Purchasing Division, Department of Finance and Administration, and for Information Technology contracts, State Chief Information Officer. The Agency shall have the right to audit billings, both before and after payment. Payment for services under this Price Agreement shall not foreclose the right of the Agency to recover excessive or illegal payments.

22. The foregoing requirements for Contractor Personnel, Subcontracting, and Audit shall be inserted into all subcontracts from the prime contractor to the subcontractor.

New Mexico Employees Health Coverage

A. If Contractor has, or grows to, six (6) or more employees who work, or who are expected to work, an average of at least 20 hours per week over a six (6) month period during the term of the contract, Contractor certifies, by signing this agreement, to have in place, and agrees to maintain for the term of the contract, health insurance for its New Mexico Employees and offer that health insurance to its New Mexico Employees if the expected annual value in the aggregate of any and all contracts between Contractor and the State exceeds \$250,000 dollars.

B. Contractor agrees to maintain a record of the number of its New Mexico Employees who have (a) accepted health insurance; (b) declined health insurance due to other health insurance coverage already in place; or (c) declined health insurance for other reasons. These records are subject to review and audit by a representative of the state.

C. Contractor agrees to advise all of its New Mexico Employees of the availability of State publicly financed health care coverage programs by providing each of its New Mexico Employees with, as a minimum, the following web site link to additional information: <http://insurenwnewmexico.state.nm.us/>.

D. For purposes of this Paragraph, the following terms have the following meanings:

- (1) "New Mexico Employee" means any resident of the State of New Mexico employed by Contractor who performs the majority of the employee's work for Contractor within the State of New Mexico, regardless of the location of Contractor's office or offices; and
- (2) "offer" means to make available, without unreasonable restriction, enrollment in one or more health coverage plans and to actively seek and encourage participation in order to achieve the goals of Executive Order 2007-049. This could include State publicly financed public health coverage programs such as *Insure New Mexico!*

New Mexico Pay Equity Initiative

Contractor agrees, if it has ten (10) or more New Mexico employees OR eight (8) or more employees in the same job classification, at any time during the term of this contract, to complete and submit the PE10-249 form on the annual anniversary of the initial report submittal for contracts up to one (1) year in duration. If contractor has two hundred fifty (250) or more employees, contractor must complete and submit the PE250 form on the annual anniversary of the initial report submittal for contracts that are up to one (1) year in duration. For contracts that extend beyond one (1) calendar year, or are extended beyond one (1) calendar year, contractor also agrees to complete and submit the PE10-249 or PE250 form, whichever is applicable, within thirty (30) days of the annual contract anniversary date of the initial submittal date or, if more than one hundred eighty (180) days has elapsed since submittal of the last report, at the completion of the contract, whichever comes first. Should contractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor agrees to provide the required report within ninety (90) days of meeting or exceeding the size requirement. That submittal date shall serve as the basis for submittals required thereafter.

Contractor also agrees to levy this requirement on any subcontractor(s) performing more than ten percent (10%) of the dollar value of this contract if said subcontractor(s) meets, or grows to meet, the stated employee size thresholds during the term of the contract. Contractor further agrees that, should one (1) or more subcontractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor will submit the required report, for each such subcontractor, within ninety (90) days of that subcontractor meeting or exceeding the size requirement. Subsequent report submittals, on behalf of each such subcontractor, shall be due on the annual anniversary of the initial report submittal. Contractor shall submit the required form(s) to the State Purchasing Division of the General Services Department, and other departments as may be determined, on behalf of the applicable subcontractor(s) in accordance with the schedule contained in this paragraph. Contractor acknowledges that this subcontractor requirement applies even though contractor itself may not meet the size requirement for reporting and be required to report it self.

Two (2) copies of the Pay Equity Worksheet shall be submitted prior to Award by the prospective Awarded Vendor.

The PE10-249 and PE250 worksheet is available at the following website:
<http://www.genservices.state.nm.us/statepurchasing/GuidesProcedures.aspx>

Statewide Price Agreement

Article I – Statement of Work

Under the terms and conditions of this Price Agreement all State of New Mexico agencies, commissions, institutions, political subdivisions and local bodies allowed by law may issue orders for items and/or services described herein. The terms and conditions of this Price Agreement shall form a part of each order issued hereunder.

The items and/or services to be ordered shall be as listed under Article IX - Price Schedule. All orders issued hereunder will bear both an order number and this Price Agreement number. It is understood that no guarantee or warranty is made or implied by the New Mexico State Purchasing Agent, his/her designee or the user that any order for any definite quantity will be issued under this Price Agreement. The Contractor is required to accept the order and furnish the items and/or services in accordance with the articles contained hereunder for the quantity of each order.

Article II – Term

The term of this Price Agreement, for issuance of orders, shall be as indicated in the specifications.

Article III – Specifications

Items and/or services furnished hereunder shall conform to the requirements of specifications and/or drawings applicable to items listed under Article IX-Price Schedule. Orders issued against this schedule will show the applicable Price Agreement item(s), number(s), and price(s); however they may not describe the item(s) fully.

Article IV – Shipping and Billing Instructions

Contractor shall ship in accordance with the following instructions: Shipment shall be made only against specific orders which the user may place with the Contractor during the term; The Contractor shall enclose a packing list with each shipment listing the order number, price agreement number and the commercial parts number (if any) for each item; Delivery shall be made as indicated on page 1. If vendor is unable to meet stated delivery the State Purchasing Agent or his/her designee must be notified.

Article V – Termination

This Price Agreement may be terminated by either signing party upon written notice to the other at least thirty (30) days in advance of the date of termination. Notice of termination of the price agreement shall not affect any outstanding orders.

Article VI – Amendment

This Price Agreement may be amended by mutual agreement of the New Mexico State Purchasing Agent or his/her designee and the Contractor upon written notice by either party to the other. An amendment to this Price Agreement shall not affect any outstanding orders issued prior to the effective date of the amendment as mutually agreed upon, and as published by the New Mexico State Purchasing Agent or his/her designee. Amendments affecting price adjustments and/or the extension of a price agreement expiration date are not allowed unless specifically provided in the bid and price agreement specifications.

Article VII – Issuance of Orders

Only written signed orders are valid under this Price Agreement.

Article VIII – Packing (if applicable)

Packing shall be in conformance with standard commercial practices.

Article IX – Price Schedule

Prices as listed in the price schedule hereto attached are firm.

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Awarded Vendors:

(AA) 0000053817 Albuquerque Freightliner LLC 12901 I-40 West Frontage Road Albuquerque, New Mexico 87121 (505) 833-1000	Delivery: 120 days plus or minus after receipt of order
(AB) 0000053817 Albuquerque Freightliner LLC 12901 I-40 West Frontage Road Albuquerque, New Mexico 87121 (505) 833-1000	Delivery: 120 days plus or minus after receipt of order
(AC) 0000054961 Bruckner Truck Sales, Inc. 5010 Jefferson Street NE Albuquerque, New Mexico 87109 (505) 843-7703	Delivery: 150 days ARO
(AD) 0000054961 Bruckner Truck Sales, Inc. 5010 Jefferson Street NE Albuquerque, New Mexico 87109 (505) 843-7703	Delivery: 150 days ARO
(AE) 0000061480 Inland Kenworth US Inc. 3120 Pan American Freeway NE Albuquerque, New Mexico 87107 (505) 884-0300	Delivery: Yes
(AF) 0000083388 Roberts Truck Center of New Mexico LLC 1623 Aspen Avenue NW Albuquerque, New Mexico 87104 (505) 243-7883	Delivery: 90-120 days ARO
(AG) 0000043931 Rush Truck Centers of New Mexico, Inc. 6521 Hanover Road NW Albuquerque, New Mexico 87121 (505) 875-3410	Delivery: 90 days ARO
(AH) 0000045306 Wagner Power Systems 4000 Osuna Road NE Albuquerque, New Mexico 87109 (505) 343-2724	Delivery: Albuquerque, NM - Wagner Yard

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Establish a Statewide Price Agreement for the following:

- Truck, Cab & Chassis 25,500 pounds GVWR, automatic transmission, new current production model;
- Truck, Cab & Chassis 37,000 pounds GVWR, automatic transmission (vocational), new current production model;
- Truck, Cab & Chassis 58,000 pounds GVWR, straight truck with manual transmission (vocational), new current production model; and
- Truck, Cab & Chassis 54,000 pounds GVWR with fifth wheel and manual transmission, new current production model.

General:

The following applies to all items described in this specification:

Term:

The term of this Price Agreement shall be for one (1) year from date of award with the option to extend for a period of three (3) additional years, on a year-to-year basis, by mutual agreement of all parties and approval of the New Mexico State Purchasing Agent at the same price, terms and conditions. This Price Agreement shall not exceed four (4) years.

Method of Award:

The Price Agreement will be awarded to the lowest responsible bidder meeting or exceeding specifications, terms and conditions. The State reserves the right to award to multiple vendors per item, whichever best serves the interest of the State of New Mexico.

Escalation / Reduction Clause:

In the event of a product cost increase an escalation request will be reviewed by this office on an individual basis. Please be aware this measure is not intended to allow any increase in profit margin, only to compensate for an actual cost increase. Price decreases as well as increases shall apply. If vendor's prices are reduced for any reason, users shall receive the benefit of such reductions. Price increases will not be retroactive to orders already in house or backorders. Orders will be filled at the price in effect on the date of receipt of the order by the vendor.

The late delivery penalty clause shall apply only to New Mexico Department of Transportation (NMDOT) units and not to other ordering agencies; therefore, the NMDOT shall have first priority in ordering of all units.

Provide current literature of applicable model with bid.

All items and equipment listed as standard in manufacturer's literature shall be provided.

Successful vendor shall be an authorized dealer and be a physically established dealership and have parts and service facilities in New Mexico with O.E.M. certified mechanics qualified to repair and service all aspects of engine and power train components.

Two (2) truck manufacturer service dealerships shall be located within the state of New Mexico that provides parts, service/repair and product support to the NMDOT.

Successful vendor shall provide a minimum of six (6) hours training on the safety, maintenance/service to include engine and transmission, proper operational procedures by factory or factory trained/certified personnel at each ordering district. The time and place for training is to be mutually agreed upon by vendor and district equipment manager. Training shall be provided to ordering districts within thirty (30) days from date of delivery.

Provide one (1) parts book (CD rom if available) and one (1) technical manual (CD rom if available), one (1) operator's manual, one (1) line sheet and one (1) electrical schematic with each unit delivered.

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Provide one (1) complete set of replacement filters to include engine crankcase, air induction, fuel and coolant along with one (1) laminated filter replacement list and one (1) fluid/oil specification chart at time of delivery with each unit delivered.

Dealer preparation, conditioning and full service is required prior to delivery. Fuel tanks shall be filled to full capacity. Parameters for engine shutdown system shall be tested prior to delivery. Pre-delivery inspection forms shall be provided prior to NMDOT inspections.

Deliver FOB to dealer's place of business within the state of New Mexico unless otherwise specified, drop ship delivery may be requested at time of ordering.

Successful vendor shall be responsible for sending two (2) representatives from the NMDOT to the factory to perform a pilot review inspection on the first completed unit for each fiscal year order.

Warranties:

Minimum warranty of thirty-six (36) months (bumper to bumper) is required on all parts, components and labor. Warranty shall apply from the date the dump bodies are completed and trucks are accepted and approved by the user agency to meet all specifications as set forth. The bidder assumes responsibility for effecting repair and/or replacement of all items under warranty.

SUPPLEMENTAL TERMS AND CONDITIONS

(Trucks, Over 19,000# GVWR)

(Rev. 5/12)

Intent of Specifications:

The specifications are intended to describe equipment for use by the ordering agency which will operate efficiently and safely. The design specifications incorporated herein are intended to describe such unit, and to set forth minimal performance parameters required by the State of New Mexico. Any references herein to a particular make or model number are intended not to be restrictive but to set forth an acceptable level of quality and design. The State reserves the right to accept minor variances in product design and/or operation offered by bidders if such acceptance is determined to be in the best interest of the State.

Qualified Bidders:

Bids may be accepted from manufacturers and/or factory authorized dealers who are able and willing to provide responsive service to the ordering agency during the warranty period and the extended warranty period if required. Bidders must be in a position to offer the lowest cost/highest effectiveness, completely assembled units meeting or exceeding the minimum specifications contained herein.

When additional equipment (components) are required to complete a bid package which is not normally supplied by the bidder, such equipment shall be supplied by an authorized equipment supplier, but shall be the full responsibility of the bidder. (Example: truck chassis with dump body installed.)

Inspection of Work:

Representatives of the State Purchasing Division or the ordering agencies shall have access, at any reasonable time, to the bidder's and manufacturer's facilities for the purposes of inspection during periods of manufacture or assembly of the items to be ordered hereunder. The costs associated with such inspection trips shall be borne by the State and/or ordering agency.

Late Delivery:

It is expressly understood and agreed that, as a result of the public interest, and because of the monetary losses which may be sustained by the State, as a result of failure to deliver the equipment described in the contract on time, that time is of the essence in the performance of this contract. It is agreed that damages resulting from late delivery can neither be accurately anticipated or calculated.

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The following delivery terms and conditions apply to **Trucks Over 19,000# GVWR** described in specifications.

Above noted equipment shall be delivered within one hundred twenty (120) working days of bidder's receipt of order. In the event of failure of the bidder to deliver in accordance with this requirement, the bidder shall be liable to the user agency and/or the State for late delivery penalties in the amount of twenty-five dollars (\$25) per unit per day.

Documented strikes, national emergencies, or acts of God are the only justification for delay in delivery. Acts of God are defined as unusual, sudden, and unexpected manifestations of the forces of nature, the effects of which could not have been prevented by reasonable human foresight, pains, and care.

At the option of the State Purchasing Director, the user agency may invoke the Default Provisions of this Price Agreement contained in the General Conditions and Instructions to Bidders in addition to any penalties as outlined above.

Motor Vehicle Regulations:

Unit(s) ordered shall be furnished with all equipment necessary to comply with all applicable rules and regulations of the New Mexico Department of Motor Vehicles and shall be in compliance with Safety Standards required by the Federal Motor Vehicle Safety Standards established by the National Traffic Safety Administration, and the Safety Standards required by OSHA and applicable ANSI standards and reference to the operation of such vehicles within the state of New Mexico.

Certificates, Manuals, and Warranties:

When units are delivered, the bidder shall deliver to the ordering agency (if applicable):

- a) Documents of Title,
- b) Certificates of Origin,
- c) Warranty and Guarantee Certificates,
- d) Certifications specified in the Price Agreement,
- e) Manuals specified in the Price Agreement.

Guarantees and Warranties:

Units furnished hereunder shall be fully warranted (bumper to bumper) on parts and labor for a minimum of three (3) years. In the event that a factory standard warranty exceeds our stipulated warranty, the factory standard warranty shall prevail.

No deductible shall apply during the first three (3) years of coverage.

It is understood that units offered in response to this request for bids will be of new design. In the event that unforeseen operational problems occur because of new design, the manufacturer shall warrant that it will retrofit at no cost to the ordering agency, any improvements developed to correct problems of repeated or early failure in meeting acceptable performance standards for a period of one (1) year from date of delivery.

Servicing:

Units ordered under this Price Agreement shall be completely serviced and ready for operation upon delivery.

Warranty Repairs:

While units provided hereunder are under warranty (bumper to bumper), all repairs shall be completed within five (5) working days after receipt of units. This period may be extended at the user's option and such extension shall be documented in writing. In the event of failure to perform repairs within five (5) working days and failure to receive approval for time extension, the bidder shall provide a like unit until repairs are completed. All repairs shall be performed at the bidder's place of business or other facility of his/her choice. Delivery of units for repair and all costs associated therewith shall be the user's responsibility.

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Parts Availability:

All replacement parts/components required by the ordering agency shall be provided within five (5) working days during the warranty period. This period may only be extended at the user's option.

In the event of failure to provide parts/components within the stipulated time or receipt of user/owner concurrence for extending this time, the bidder shall provide the replacement parts/components at no cost to the user/owner.

Training:

The bidder will be responsible for providing a minimum of four (4) hours of service and operator training or as may otherwise be required under this specification. Training session formats, lengths, and locations will be mutually agreed to between the seller and purchaser.

Responsibility of Bidders:

It shall be the responsibility of the bidder to secure written quotations on price and delivery from manufacturers meeting the general specifications set forth herein. Only those manufacturers who can meet delivery dates, such as to permit delivery of completely assembled unit(s), to the ordering agency by specified delivery date, shall be considered by the bidder. The bidder may be required to provide the State with field test results and surveys which will show conclusively:

- a) Maintenance and reliability experience of units in service for at least one (1) year.
- b) Other data on actual performance of equipment, which in the opinion of the bidder will assist the State in selecting the most effective cost efficient unit offered by the bidder.

Payment or Acceptance Not Conclusive:

No payment made under this Price Agreement shall be conclusive evidence of the performance of the Price Agreement, either wholly or in part, and that no payment made for the delivery of the items in whole or in part shall be construed as an acceptance of defective work or improper materials, nor relieve the bidder from corrections of the defects. The final acceptance shall not be binding upon the ordering agency or the State, or conclusive, should it subsequently develop the bidder had furnished inferior items or had departed from the specifications and/or the terms of the Price Agreement. Should such conditions become evident, the ordering agency shall have the right, notwithstanding final acceptance and payment, to cause the item(s) to be properly furnished in accordance with the specifications (and drawings, if any) at the cost and expense of the bidder.

Order of Preference:

In the event of conflict between the General Conditions and Instructions to Bidders and the Supplemental Terms and Conditions, the Supplemental Terms and Conditions shall prevail.

Method of Award:

To the lowest responsible bidders meeting or exceeding specifications, terms and conditions.

Options:

All ordered options shall be installed. **The ordering of options only is strictly prohibited!**

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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001 Each Truck, Cab & Chassis, 25,500 Pounds GVWR, Automatic Transmission, New Current Production Model

Base price per unit: \$ _____
 Make offered: _____
 Model offered: _____

(AB)	(AE)	(AF)	(AG)
\$85,821.00	\$79,350.00	\$69,100.00	\$80,231.00
Freightliner M2 106	Kenworth T270/T370	International Durastar4300	Peterbilt 337

Specifications:

Scope

This specification describes a twenty-five thousand five hundred (25,500) pounds gross vehicle weight rating (GVWR) cab & chassis truck with diesel engine and automatic transmission to be utilized in vocational applications.

Engine

Fully electronic diesel, to meet 2012 Federal Emission Standards. Twenty-four hundred (2,400) rpm rating, in-line six (6) cylinder wet sleeved. Factory installed turbocharger. Minimum of two hundred thirty (230) gross horsepower and six hundred twenty (620) lbs./ft. Gross torque at rated rpm. Dual element air cleaner. Air restriction indicator. Spin-on oil filter(s). Fuel filter and fuel/water separator. Engine block heater fifteen hundred (1,500) watt. High engine temperature, low oil pressure, engine shut-down system.

Engine Electronics

To provide the following: road speed governing, engine protection system, cruise control & auto resume, comprehensive engine diagnostics, adjustable low idle speed.

Exhaust

Single, vertical exhaust. Right hand side, with protective heat shield and grab handle, if available. Forty-five degree (45 °) stack turn out.

Cooling System

Maximum cooling available. For horse power and torque. On/off type fan. Fan override switch on interior dash. Extended life coolant. Anti-freeze protection in system to minus forty degrees Fahrenheit (-40 °F).

Hoses/Clamps

Silicone radiator/heater hoses with constant torque clamps or prior approved equal.

Instrumentation

Provide the following gauges: oil pressure, water temperature, transmission temperature, dual air pressure and fuel gauge. Provide the following meters: speedometer, tachometer, odometer, hour meter and voltmeter. Low oil pressure, high engine temperature and low air pressure shall have visual and audible warning.

Transmission

Fully electronic five (5)-speed automatic, "Allison" (2500 RDS) or prior approved equal. PTO provision. Maximum cooling available. Push button pad shift console mounted on dashboard or lever shifter. Low oil level indicator. Synthetic lube. Transmission mounting shall allow for an unobstructed direct mount hydraulic pump to one (1) side of transmission. Transmission TCM inside cab if available.

Front Axle

Set back design I-beam-type, ten thousand (10,000) pounds capacity. Synthetic oil lubricated front wheel hubs with "Stemco" clear caps or approved equal.

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Front Suspension

Suspension to meet front axle capacity with heavy-duty shocks.

Steering

Hydraulic power. Tilt with telescoping steering wheel if available.

Rear Axle

Nineteen thousand (19,000) pounds capacity. Driver controlled positive track, magnetic filler and drain plugs, synthetic lube.

Rear Axle Ratio

Manufacturers suggested ratio to obtain seventy-eight (78) mph.

Rear Suspension

Nineteen thousand (19,000) pounds capacity. Single air suspension with auxiliary rubber spring.

GVWR

GVWR to be de-rated by the manufacturer to under twenty-six thousand (26,000) GVWR for non CDL drivers.

Drive Line

Spicer (SPL 90), drive line matched to drive train.

Hood

Standard, tilt hood. Bug screen. Smoke colored deflector shield. Fender mounted marker-directional-warning lights.

Bumper

Manufacturer's standard steel front bumper.

Cab to Axle

Eighty-four (84) inches useable.

Frame

Three-eighths inch (3/8") thick rails and eighty thousand (80,000) psi. Yield rating. Unobstructed frame rails behind cab. Tow hooks.

Brakes

Anti-lock braking system with blink code diagnostics "Bendix" (ABS) or prior approved equal. Dual air brakes system. 13.5 CFM air compressor. Dv-2 heated drain valve on wet reservoir. Spring loaded parking/emergency rear brake canisters (sealed). Rear brake canisters shall not extend behind wheels. Front brakes shall be fifteen x four inch (15 x 4"). Rear brakes shall be fifteen x eight inch (15 x 8"). "Meritor" (Q-Plus) quick change design or prior approved equal that will allow removal of drum without removing axle hub assembly. Automatic slack adjusters. Factory installed air dryer "Bendix" (AD-9) or prior approved equal.

Drums

"Hub-piloted" outboard mounted brake drums.

Wheels

19.5, eight (8) stud "Hub-piloted" type wheels. Front/rear rubber or nylon wheel guards. Spare wheel included.

Tires

265/70r19.5, fourteen (14) ply, steel belted radials manufactured in the U.S.A. "Goodyear" (G647) front and mud and snow rear or prior approved equal.

Straight Truck Trailer Air Brake System

Air lines extending to the rear of the truck frame inside the frame rail to actuate air brakes of towed trailer units. The system shall include a column mounted hand lever brake control to actuate trailer brakes independently. Tractor/trailer protection valve that actuates in the event of air pressure loss and provides parking/emergency brakes to towed units. Color-coded bulk-head mounted glad-hands and covers at the rear of truck frame.

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Electrical

Twelve (12)-volt starting and charging system. Three (3) maintenance free batteries, one thousand nine hundred fifty (1,950) CCA combined. Protected from the elements with weather tight lockable cover/housing. One hundred forty (140) amp alternator. With Type C regulator and low turn-on speed "Lecce-Nevill" (LBP 2188), pad mounting if available. "Delco" (39MT/OCP) over-crank protection starter. Seven (7)-way electrical plug at rear of truck frame. Heavy-duty "Kysor" flasher. Circuit breakers in lieu of fuses. Master disconnect switch close to battery box. Jump start studs. Thirty (30) amp, two (2)-way radio wiring ready.

Body Builders Wiring Harness

Factory installed, heavy-duty body lighting stop-warning-turn-running auxiliary wiring harness with weather tight plugs mounted in side frame rail at rear (provide matching plug).

Cab

Standard, conventional cab. Air suspension. Manufacturer's premium interior trim level to include back wall panel and roof panel with insulation. Over-head and door storage pockets. Factory installed air conditioner (CFC free) Factory tinted glass. Shoulder harness safety belts. Heater/defroster, fresh air intake-type heater. Cigarette lighter, ash tray. Dual exterior powers adjust rear view mirrors, rectangular molded, breakaway type wide spacing (glass). With integral convex mirrors both sides. Look down mirror on passenger door. AM/FM CD premium stereo. Dual, heavy-duty electric two (2)-speed intermittent windshield wipers with snow blade wiper blades and windshield washer. Sun visors. Provide exterior grab handles left/right for entering and exiting cab if available. Dome light. Dual map lights for driver and passenger, individually controlled. Exterior sun shade to include integral clearance/marker lamps. Single air horn with snow shield.

Keys

Three (3) complete sets of keys.

Fender Mirrors

Manufacturer's standard dual, front fender mounted, stainless steel fender brackets with molded convex-type mirrors.

Seats

High back air suspension full cloth seat (cloth inserts not acceptable) with three (3)-way air bolster adjustment (lumbar, thigh and side) "Bostrom" or prior approved equal. Right side arm rest on driver's seat. Manufacturer's standard single (non-suspension) cloth passenger seat.

Fuel Tank

Non-polished aluminum, single, driver-side step-type, fifty (50) gallon capacity. Auxiliary non-skid metal step below tank step.

Lighting

Long life halogen head lights with day time running feature. All lighting and reflectors to meet federal motor vehicle safety standards (FMVSS) and DOT regulations. LED lighting if available.

Paint

Prime and paint truck chassis cab white with factory base coat, clear coat. Top of hood shall be primed and painted with flat black. Truck chassis vendor shall provide manufacturer's paint number to body installer for match.

Safety/Fire Extinguisher

Ten (10) pound "ABC" fire extinguisher mounted with heavy-duty metal bracket.

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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001 Bid As Options:

A) Six-speed manual transmission			<i>(deduct)</i>	(AB) \$5,648.00
			vs. Allison	(AE) \$5,920.00
				(AF) \$2,478.00
				(AG) \$3,488.00
B) Additional parts book (CD ROM if available)			<i>(add)</i>	(AB) \$475.00
				(AE) \$400.00
				(AF) \$0.00
			Online	(AG) \$300.00
C) Additional technical manual (CD ROM if available)			<i>(add)</i>	(AB) \$475.00
				(AE) \$400.00
				(AF) \$0.00
			Online	(AG) \$300.00
D) One hundred twenty (120) inches cab to axle			<i>(add)</i>	(AB) \$372.00
				(AE) \$150.00
				(AF) \$0.00
				(AG) \$384.00
E) Straight truck trailer air brakes system			<i>(delete-deduct)</i>	(AB) \$546.00
				(AE) \$321.00
				(AF) \$399.00
				(AG) \$164.00
F) Dual heated rear view power adjust mirrors			<i>(add)</i>	(AB) Included
				(AE) Included
				(AF) \$0.00
			Std	(AG) Included
G) Fender mirrors			<i>(delete-deduct)</i>	(AB) \$141.00
				(AE) \$114.00
				(AF) \$118.00
				(AG) \$90.00

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H) Six (6) factory installed modular electrical auxiliary switches installed in dash with NMDOT nomenclature	(add) (AB) \$403.00 Six factory installed Smart switches. (AB) \$1,275.00 (AE) N/A (AF) \$361.00 (AG) \$250.00
I) Crew cab (four (4) doors)	(add) (AB) \$10,418.00 (AE) N/A (AF) \$5,131.00 (AG) \$18,300.00
J) Extended cab	(add) (AB) \$6,202.00 (AE) N/A (AF) \$1,856.00 *Option not offered by O.E.M. (AG) Comment*
K) Six inch spotlight	(add) (AB) \$565.00 Per M.C.T. (AE) \$340.00 (AF) \$440.00 (AG) \$85.00
L) Eighteen x twenty-four x thirty-six (18 x 24 x 36) inch toolbox with "T" twist handle, bolt-on location to be determined by user	(add) (AB) \$390.00 Per M.C.T. (AE) \$390.00 (AF) \$545.00 (AG) \$390.00
M) Higher horse power & torque up to three hundred ten (310) horse power with Allison (3000rds) automatic transmission	(add) (AB) \$2,659.00 (AE) \$1,251.00 (AF) \$5,761.00 (AG) \$5,656.00
N) Engine compression brake with Allison (3000rds) automatic transmission	(add) (AB) \$2,310.00 (AE) \$1,714.00 (AF) \$825.00 (AG) \$1,447.00

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O) 35,000 pounds GVWR	<i>(add)</i> (AB) \$375.00 (AE) \$690.00 *Includes Items M & N (AF) \$7,432.00* (AG) \$4,059.00
P) Light pre-trip inspection (cycle all exterior lights)	<i>(add)</i> (AB) \$30.00 (AE) N/A (AF) \$27.00 *Option not offered by O.E.M. (AG) Comment*
Q) Paint other than specified	<i>(add)</i> (AB) \$650.00 (AE) \$0.00 (AF) \$0.00 (AG) \$100.00
R) GPS units (heavy duty H3400) Advanced Communications and Electronics 505-244-3321	<i>(add)</i> (AB) \$532.00 *Per vendor quote upon order (AE) Comment* (AF) \$660.00 (AG) \$753.70
S) Factory installed four-wheel drive system	<i>(add)</i> (AB) \$15,589.00 Extended warranties available (AE) N/A 7300 4x4 (AF) \$27,300.00 (AG) \$14,142.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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002 Each Truck, Cab & Chassis, 37,000 Pounds GVWR, Automatic Transmission, (Vocational), New Current Production Model

Base price per unit:
 Make offered: _____
 Model offered: _____

(AA)	(AB)	(AE)	(AF)	(AG)
\$104,997.00	\$103,225.00	\$94,983.00	\$85,100.00	\$95,365.00
Western Star 4700 SF	Freightliner 114SD	Kenworth T470	International Workstar7500	Peterbilt 348

Specifications:

Scope

This specification describes a thirty-seven thousand (37,000) pounds gross vehicle weight rating (GVWR) cab & chassis truck with diesel engine and automatic transmission to be utilized in vocational applications.

Engine

Fully electronic diesel, to meet 2012 Federal Emission Standards. Twenty-one hundred (2,100) rpm rating, in-line six (6) cylinder wet sleeved. Factory installed turbocharger. Minimum of three hundred ten (310) gross horsepower and one thousand (1,000) lbs./ft. Gross torque at rated rpm. Engine compression brakes "Jacobs" or prior approved equal. Dual element air cleaner with integral snow valve.

Cab

Control air restriction indicator. Spin-on oil filter(s). Fuel filter and fuel/water separator. Water filter. Intake heater. Engine block heater, fifteen hundred (1,500) watt. High engine temperature, low oil pressure, engine shut-down system. Provisions and front PTO adapter for front mounted engine crank driven hydraulic pump.

Engine Electronics

To provide the following: road speed governing, engine protection system, cruise control and auto resume, comprehensive engine diagnostics, adjustable low idle speed.

Exhaust

Exhaust particulate filter/muffler right hand side, vertical stack with protective guard, grab handle if available. Forty-five degree (45°) stack turn out.

Cooling System

Maximum cooling available for horsepower and torque. On/off type fan. Fan override switch on interior dash. Extended life coolant. Anti-freeze protection in system to minus forty degrees Fahrenheit (-40 °F).

Hoses/Clamps

Silicone radiator/heater hoses with constant torque clamps or prior approved equal.

Instrumentation

Provide the following gauges: oil pressure, water temperature, transmission temperature, dual air pressure, air cleaner restriction and fuel gauge. Provide the following meters: speedometer, tachometer, odometer, hour meter and ammeter. Volt meter if available. Low oil pressure, high engine temperature and low air pressure shall have visual and audible warning.

Transmission

Fully electronic six (6) speed automatic, "Allison" (3000 RDS) or prior approved equal. Right/left PTO opening. Maximum cooling available. Push button pad shift console mounted on dashboard. Low oil level indicator. Synthetic lube. Transmission mounting shall allow for an unobstructed direct mount hydraulic pump to one (1) side of transmission. Transmission TCM locate inside cab if available. No exposed wiring. All wiring shall be protected.

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Front Axle

Set forward design I-beam-type, fourteen thousand (14,000) pounds capacity. Synthetic oil lubricated front wheel hubs with "Stemco" clear caps or approved equal.

Front Suspension

Flat multi-leaf spring suspension to meet front axle capacity with heavy-duty shocks.

Steering

Hydraulic power. Tilt and telescoping steering wheel.

Rear Axle

Twenty-three thousand (23,000) pounds capacity. Driver controlled positive track, magnetic filler and drain plugs, synthetic lube. Housing shall be heavy duty (vocational) application, thickest housing available.

Rear Axle Ratio

Manufacturers suggested ratio to obtain seventy-five (75) mph at approximately two thousand to two thousand two hundred (2,000-2,200) rpm.

Rear Suspension

Twenty-three thousand (23,000) pounds capacity flat multi-leaf spring suspension with auxiliary spring.

Drive Line

SPL 170xl (100k interval) drive line matched to drive train.

Hood

Tilt hood with stationary grill. Bug screen. Smoke colored deflector shield. Fender extensions. Fender mounted marker-directional-warning lights.

Bumper

Manufacturer's standard steel front bumper.

Cab to Axle

Eighty-four inches (84") useable. After exhaust particulate filter/muffler and heat shield.

Frame

Three-eighths inch (3/8") thick rails and one hundred ten thousand (110,000) psi. Yield rating and two million one hundred thousand (2,100,000) RBM rating to meet thirty-seven thousand (37,000) pounds gross vehicle weight rating. Twenty inches (20") integral front frame extension (not welded or bolt on-type). Unobstructed frame rails behind cab. Front tow hooks.

Brakes

Anti-lock braking system with blink code diagnostics "Bendix" (abs) or prior approved equal. Dual air brakes system. 16.5 CFM air compressor. Manual drain valve with pull chains or cables on wet reservoir. Spring loaded parking/emergency rear brake canisters (sealed). Rear brake canisters shall not extend behind wheels. Front brakes shall be sixteen and one half inch x five inch with factory installed dust shields. Rear brakes shall be sixteen and one half inch x seven inch with factory installed dust shields. "Meritor" (Q-plus) quick change design or prior approved equal that will allow removal of drum without removing axle hub assembly. Automatic slack adjusters. Factory installed air dryer "Bendix" (ad-9) or prior approved equal. Painted aluminum air reservoirs shall be mounted below cab under passenger door along with battery box.

Drums

"Hub-piloted" outboard mounted brake drums.

Wheels

22.5 x 8.25, seven thousand five hundred (7,500) pounds capacity ten-hole "hub-piloted" type wheels. "Accuridc" front/rear rubber or nylon wheel guards. Spare wheel included. White, powder coat paint.

Tires

12R22.5, sixteen (16) ply, load range "H" steel belted radials manufactured in the U.S.A. "Goodyear" (G159) front and (G124) rear or prior approved equal.

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Straight Truck Trailer Air Brake System

Air lines extending to the rear of the truck frame inside the frame rail to actuate air brakes of towed trailer units. The system shall include a column mounted hand lever brake control to actuate trailer brakes independently. Tractor/trailer protection valve that actuates in the event of air pressure loss and provides parking/emergency brakes to towed units. Color-coded bulk-head mounted glad-hands and covers at the rear of truck frame.

Electrical

Twelve (12)-volt starting and charging system. Dual maintenance free batteries, one thousand eight hundred fifty (1,850) CCA combined. Protected from the elements with weather tight lockable cover/housing. One hundred forty (140) amp alternator with Type C regulator and low turn-on speed "Leecenevill" (LBP 2188). "Delco" (39MT/OCP) over-crank protection starter. Seven (7)-way electrical plug at rear of truck frame. Heavy-duty "Kysor" flasher. Circuit breakers in lieu of fuses. Master disconnect switch on curb-side by battery box. There shall be enough space between battery box and master disconnect switch where there is no contact between the both. Jump start studs. Thirty (30) amp, two (2)-way radio wiring ready.

Body Builders Wiring Harness

Factory installed, heavy-duty body lighting stop-warning-turn-running auxiliary wiring harness with weather tight plugs mounted in side frame rail at rear (provide matching plug).

Cab

Standard, conventional cab. Premium interior trim level to include back wall panel and roof panel with insulation. Over-head and door storage pockets. Factory installed air conditioner (CFC free) Factory tinted glass. Shoulder harness safety belts. Heater/defroster, fresh air intake-type heater. Cigarette lighter, ash tray. Twelve (12)-volt power accessory socket receptacle. Dual exterior power adjustable rear view mirrors, rectangular molded breakaway type, wide spacing (glass). With integral convex mirrors both sides. Look down mirror on passenger door. AM/FM CD premium stereo. Dual, heavy-duty electric two (2)-speed intermittent windshield wipers with snow blade wiper blades and windshield washer. Sun visors. Provide exterior grab handles and steps left/right for entering and exiting cab if available. Dome light. Dual map lights for driver and passenger, individually controlled. Exterior sunshade, aerodynamic to include integral clearance/ marker lights. Single or dual air horn with snow shield. Interior floor dimensions between seats, back panel and dash shall allow for installation of NMDOT computer control console that is twenty-four inches x fourteen inches (24" x 14").

Keys

Three (3) complete sets of keys.

Fender Mirrors

Manufacturer's standard dual, front fender mounted, stainless steel fender brackets convex-type mirrors.

Seats

Dual, high back air suspension full cloth seats (cloth inserts not acceptable) with three(3)-way air bolster adjustment (lumbar, thigh and side) "Bostrom" or prior approved equal. Right side arm rest on driver's seat. Left side on passenger seat.

Fuel Tank

Non-polished aluminum. Single, driver-side step-type, one hundred (100) gallon capacity. Auxiliary non-skid metal step below tank step.

Lighting

Long life halogen head lights with day time running feature. Dual face turn signals. All lighting and reflectors to meet Federal Motor Vehicle Safety Standards (FMVSS) and DOT regulations. L.E.D. on all lights.

Paint

Prime and paint truck chassis cab highway orange with factory clear coat. Top of hood shall be primed and painted with flat black. Truck chassis vendor shall provide manufacturer's paint number to body installer for match.

Safety/Fire Extinguisher

Ten (10) pound "ABC" fire extinguisher mounted with heavy-duty metal bracket.

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
002 Bid As Options:				
A)			Ten-speed manual transmission	<i>(deduct)</i> (AA) \$6,823.00 (AB) \$5,513.00 (AE) \$6,436.00 (AF) \$6,249.00 (AG) \$5,549.00
B)			Factory installed, front drive disconnect system, fourteen thousand (14,000) pounds capacity axle and suspension. Ratio to match rear axle "Meritor" (MX-14-120) or prior approved equal. Two (2) speed air shift transfer case controlled from cab "Meritor" (MTC-4210) or prior approved equal.	<i>(add)</i> (AA) N/A (AB) N/A (AE) N/A (AF) \$29,400.00 (AG) \$17,299.00
C)			Additional parts book (CD ROM if available)	<i>(add)</i> (AA) \$475.00 (AB) \$475.00 (AE) \$400.00 Online (AF) \$0.00 (AG) \$300.00
D)			Additional technical manual (CD ROM if available)	<i>(add)</i> (AA) \$475.00 (AB) \$475.00 (AE) \$400.00 Online (AF) \$0.00 (AG) \$300.00
E)			Twenty-eight thousand (28,000) pounds GVW rating with a minimum of nine thousand (9,000) pounds capacity front axle and nineteen thousand (19,000) pounds capacity rear axle.	<i>(deduct)</i> 34,000 lb. (AA) \$200.00 33,000 lb. (AB) \$1,500.00 (AE) \$1,077.00 (AF) \$939.00 (AG) \$1,472.00

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F) One hundred twenty (120) inches cab to axle	<i>(add)</i>	(AA) \$502.00 (AB) \$139.00 (AE) \$0.00 (AF) \$0.00 (AG) \$543.00
G) Front frame extension and engine crank PTO provision	<i>(delete-deduct)</i>	(AA) \$135.00 (AB) \$185.00 (AE) \$187.00 (AF) \$433.00 (AG) \$1,235.00
H) Straight truck trailer air brakes system	<i>(delete-deduct)</i>	(AA) \$546.00 (AB) \$546.00 (AE) \$316.00 (AF) \$327.00 (AG) \$158.00
I) Cold weather starting aid	<i>(delete-deduct)</i>	(AA) N/A (AB) N/A (AE) \$44.00 (AF) N/A (AG) Comment*
		*Option not offered by O.E.M.
J) Engine Shut-down system	<i>(delete-deduct)</i>	(AA) Included (AB) Included (AE) \$0.00 (AF) \$90.00 (AG) \$0.00
K) Dual heated west coast type power adjust mirrors	<i>(add)</i>	(AA) Included (AB) Included (AE) Included Std (AF) \$0.00 (AG) Included

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L) Factory installed auxiliary snow plow light switch and wiring harness	<i>(add)</i>	(AA) \$205.00 (AB) \$205.00 (AE) \$130.00 (AF) \$149.00 *Option not offered by O.E.M. (AG) Comment*
M) Frontal air intake for snow removal operations	<i>(add)</i>	(AA) N/A (AB) \$605.00 (AE) N/A (AF) \$137.00 *Option not offered by O.E.M. (AG) Comment*
N) High profile sliding fifth wheel; catwalk, pogo stick, tractor airline package in lieu of straight truck trailer air package and seven(7)-way electrical cord.	<i>(add)</i>	(AA) \$3,600.00 (AB) \$3,500.00 (AE) \$2,044.00 (AF) \$1,277.00 (AG) \$1,725.00
O) Front bumper	<i>(delete-deduct)</i>	(AA) \$151.00 (AB) \$181.00 (AE) \$184.00 (AF) \$19.00 (AG) \$0.00
P) Fender mirrors	<i>(delete-deduct)</i>	(AA) \$92.00 (AB) \$92.00 (AE) \$104.00 (AF) \$117.00 (AG) \$87.00
Q) Six (6) factory installed modular electrical auxiliary switches installed in dash with NMDOT nomenclature	<i>(add)</i>	(AA) \$403.00 (AB) \$403.00 (AE) N/A (AF) \$356.00 (AG) \$250.00

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R) Crew cab (four (4) door) (add) (AA) N/A
 (AB) \$10,790.00
 (AE) N/A
 (AF) \$5,090.00
 (AG) \$18,300.00

S) Extended cab (add) (AA) N/A
 (AB) \$6,525.00
 (AE) \$2,819.00
 (AF) \$1,590.00
 Option not offered by O.E.M. (AG) Comment

T) Six (6) inch spotlight (add) (AA) \$340.00
 (AB) \$340.00
 MCT (AE) \$340.00
 (AF) \$440.00
 (AG) \$85.00

U) Factory or dealer installed outside thermometer with dual digital in-cab gauge display that reads outside ambient temperature & road temperature "road watch" (RW-1) (add) (AA) \$1,250.00
 (AB) \$1,250.00
 MCT (AE) \$1,250.00
 (AF) \$1,350.00
 (AG) \$1,250.00

V) Stainless steel full fenders (add) (AA) \$1,850.00
 (AB) \$1,850.00
 MCT (AE) \$1,850.00
 (AF) \$1,950.00
 (AG) \$1,850.00

W) Eighteen x twenty-four x thirty-six (18 x 24 x 36) inch toolbox with "T" twist handle, bolt-on location to be determined by user (add) (AA) \$350.00
 MCT (AB) \$350.00
 (AE) \$390.00
 (AF) \$490.00
 (AG) \$390.00

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X) Light pre-trip inspection (cycle all exterior lights) (add) (AA) N/A
 (AB) \$30.00
 (AE) N/A
 Std (AF) \$0.00
 Option not offered by O.E.M. (AG) Comment

Y) GPS unit (heavy duty H3400) (add) (AA) \$532.00
 (AB) \$532.00
 Advanced Communications and Electronics
 505-244-3321 *Per vendor upon order (AE) Comment*
 (AF) \$660.00
 (AG) \$753.70

Z) Heated windshield (add) (AA) \$613.00
 (AB) \$437.00
 (AE) N/A
 (AF) \$389.00
 Option not offered by O.E.M. (AG) Comment

AA) Frame reinforcement behind cab for side plow (add) (AA) \$708.00
 (AB) \$708.00
 (AE) N/A
 (AF) N/A
 (AG) \$808.00

BB) Safety package to include: (add) (AA) N/A
 (AB) \$150.00
 (AE) N/A
 (AF) \$82.00
 Option not offered by O.E.M. (AG) Comment

- Windshield wipers forced to slowest intermittent setting when parking brake set.
- Headlights automatically on when windshield wipers on.
- Parking brake alarm sounds when parking brake is not set & any door is opened.
- Brake lights override hazard lights.

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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003 Each Truck, Cab & Chassis, 58,000 Pounds GVWR, Straight Truck with Manual Transmission (Vocational), New Current Production Model

Base price per unit:
 Make offered: _____
 Model offered: _____

(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)
\$129,194.00	\$120,128.00	\$114,187.00	\$106,591.00	\$114,933.00	\$107,100.00	\$125,441.00	\$125,293.34
Western Star 4800	Freightliner 114SD	Volvo/2013 VHD64F200	Mack/2013 GU713	Kenworth T800/T800HH	International Workstar7600	Peterbilt 367	CaterpillarCT660S (See Exceptions)

Specifications:

Scope

This specification describes a fifty-eight thousand (58,000) pounds gross vehicle weight rating (GVWR), cab & chassis straight truck with diesel engine and manual transmission to be utilized in vocational applications.

Engine

Fully electronic diesel, to meet 2012 Federal Emissions. Nineteen hundred (1,900) rpm rating, in-line six (6) cylinder wet-sleeves. Factory installed turbocharger. Minimum of four hundred thirty (430) gross horsepower and one thousand five hundred and fifty (1,550) lbs./ft. Gross torque at rated rpm. Engine compression brakes "Jacobs" or prior approved equal. Dual element air cleaner. Air restriction indicator. Spin-on oil filter(s) or drop in. Fuel filter and fuel/water separator. Engine block heater (1,500 watt). High engine temperature, low oil pressure, engine shut-down system. Provisions and front PTO adapter for front mounted engine crank driven hydraulic pump.

Engine Electronics

To provide the following: road speed governing, engine protection system, cruise control and auto resume, comprehensive engine diagnostics, adjustable low idle speed.

Exhaust

Exhaust particulate filter/muffler right hand side, vertical stack with protective guard, grab handle if available. Forty-five degree (45°) stack turn out.

Cooling System

Maximum cooling available, for horse power and torque. Automatic on/off type control fan drive with normally closed temperature control switch "Horton" or equal. Long-life or extended life coolant. Anti-freeze protection in system to minus forty degrees Fahrenheit (-40 °F).

Hoses/Clamps

Silicone radiator/heater hoses with constant torque clamps or prior approved equal. Stainless steel T-Clamps to be used when possible.

Instrumentation

Provide the following gauges: oil pressure, water temperature, dual air pressure, brake application, transmission temperature, forward axle temperature, rear axle temperature and fuel gauge to read level in both tanks. Provide the following meters: speedometer, tachometer, odometer, hour meter. Low oil pressure, high engine temperature and low air pressure shall have visual and audible warning.

Transmission

To meet engine torque rating. Manual, thirteen(13)-speed over drive "Fuller" (RTLO) or prior approved equal. Synthetic lube, internal lube pump, and oil cooler. Right side, six (6) bolt power take-off opening.

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Clutch

Fifteen and one half inches (15-1/2") diameter ceramic Long Travel Damper (LTD). Heavy-duty clutch brake.

Front Axle

I-beam-type, eighteen thousand (18,000) pounds capacity. Synthetic oil lubricated front wheel hubs with "Stemco" clear caps or approved equal.

Front Suspension

Flat multi-leaf spring suspension to meet front axle capacity with heavy-duty shocks.

Steering

Hydraulic power. Tilt and telescoping steering wheel.

Rear Axles

Tandem axles, "Meritor" (RT-40-145p) (eleven (11) millimeters thick banjo housings) or prior approved equal. Forty thousand (40,000) pounds capacity. Inter-axle differential lock. Synthetic lube and hub oil seals. Magnetic filler and drain plugs. Pressure lubricated.

Rear Axles Ratio

Manufacturers suggested ratio to obtain seventy-five (75) mph at one thousand eight hundred (1,800) rpm.

Rear Suspension

Variable spring rate suspension system, tandem equalizing beam. Fifty-four (54) inch spacing. Forty thousand (40,000) pounds capacity "Hendrickson" (HNX 400), "Mack" (camel back) or prior approved equal.

Drive Lines

SPL 250x1 (100k interval) main drive line and SPL 170x1 (100k interval) inter-axle drive line, matched to drive train. Saddle mount U-joints.

Hood

Tilt hood with stationary grill. Bug screen. Smoke colored deflector shield. Bug screen fender extensions. Fender mounted marker-directional-warning lights.

Bumper

Manufacturer's standard steel front bumper.

Cab to Trunnion

One hundred twenty-six (126) inches useable (CT) behind exhaust particulate filter/muffler and heat shield, if applicable.

Frame

Three-eighths inch (3/8") thick rails and one hundred ten thousand (110,000) psi. Yield rating and two million one hundred thousand (2,100,000) RBM rating to meet fifty-eight thousand (58,000) pounds gross vehicle weight rating. Twenty inches (20") integral front frame extension (not welded or bolt on-type). Unobstructed frame rails behind cab. Front tow hooks.

Brakes

Anti-lock braking system with blink code diagnostics "Bendix" (ABS) or prior approved equal. Dual air brakes system. 16.5 CFM air compressor "Bendix" (TU-FLO 650) or prior approved equal. Manual drain valve with pull chain or cable drain valve on wet reservoir. Spring loaded parking/emergency rear brake canisters (sealed) on both rear axles. Rear brake canisters shall not extend behind wheels. Front brakes shall be sixteen and one half inch x five inch (16-1/2" x 5") with factory installed dust shields. Rear brakes shall be sixteen and one half inch x seven inch (16-1/2" x 7"). "Meritor" (Q-Plus) quick change design or prior approved equal that will allow removal of drum without removing axle hub assembly. Factory installed dust shields on both rear axles. Automatic slack adjusters. Factory installed air dryer "Bendix" (AD-9) or prior approved equal. Painted aluminum air reservoirs if available.

Drums

"Hub-piloted" outboard mounted brake drums.

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Wheels

Front 22.5 x 12.25, nine thousand-four hundred (9,400) pounds capacity ten (10)-hole "hub-piloted" type wheels "Accuride" with front/rear rubber or nylon wheel guards. Rear 22.5 x 8.25 spare wheels included for front and rear. White, powder coat paint.

Tires

Front 315R80/22.5, twenty (20) ply, load range "K" steel belted radials rear 12R 22.5 sixteen (16) ply, load range "H" manufactured in the U.S.A. "Goodyear" (G287) front and (G164rtd) rear or prior approved equal.

Straight Truck Trailer Air Brake System

Air lines extending to the rear of the truck frame inside each frame rail, to actuate air brakes of towed trailer units. The system shall include a column mounted hand lever brake control to actuate trailer brakes independently. Tractor/trailer protection valve that actuates in the event of air pressure loss and provides parking/emergency brakes to towed units. Color-coded bulk-head mounted glad-hands and covers at the rear of truck frame.

Electrical

Twelve (12)-volt starting and charging system (negative ground). Three (3) heavy-duty, maintenance free batteries, one thousand eight hundred seventy-five (1,875) CCA combined. Protected from the elements with weather tight lockable cover and rubber shock pads. One hundred forty (140) amp alternator with Type C regulator and low turn-on speed "Leeceneville" (LBP 2188). "Delco" (39MT/OCP) over-crank protection starter. Seven (7)-way electrical plug at rear of truck frame. Heavy-duty "Kysor" flasher. Circuit breakers in lieu of fuses. Master disconnect switch on curb-side by battery box. There shall be enough space between battery box and master switch where there is no contact between the both. Jump start studs. Thirty (30) amp, two (2)-way radio wiring ready.

Body Builders Wiring Harness

Factory installed, heavy-duty body lighting stop-warning-turn-running auxiliary wiring harness with weather tight plugs mounted in side frame rail at rear (provide matching plug).

Cab

Standard, conventional cab. One hundred seven (107) inches minimum actual cab dimension (BBC) (front of hood to back of cab) front frame extension and exhaust particulate filter/muffler and stack must not be considered in dimension. Premium, interior trim level to include back wall panel and roof panel with insulation. Over-head and door storage pockets. Factory installed air conditioner (CFC free) Factory tinted glass. Shoulder harness safety belts. Heater/defroster, fresh air intake-type heater. Cigarette lighter, ash tray. Twelve (12)-volt power accessories socket receptacle. Dual exterior power adjustable rear view mirrors, rectangular molded, breakaway type wide spacing (glass). With integral convex mirrors both sides. Look down mirror on passenger door. AM/FM CD premium stereo. Dual heavy-duty electric two (2)-speed intermittent windshield wipers with snow blade wiper blades and windshield washers. Sun visors. Provide exterior grab handles left/right for entering and exiting cab if available. Dome light. Dual map lights for driver and passenger, individually controlled. Exterior sunshade aerodynamic to include integral clearance/marker lights. Dual air horns with snow shields. Interior floor dimensions between seats, back panel and stick shift shall allow for installation of NMDOT computer control console that is twenty-four inches x fourteen inches (24" x 14").

Keys

Three (3) complete sets of keys.

Fender Guides

Manufacturer's standard, dual, front fender mounted, stainless steel brackets convex mirrors.

Seats

Dual, high back air suspension full cloth seats (cloth inserts not acceptable) with three (3)-way air bolster adjustment (lumbar, thigh and side) "Bostrom" or prior approved equal. Right side arm rest on driver's seat. Left side on passenger seat.

Fuel Tanks

Non-polished aluminum. Dual seventy (70) gallon step-type, one hundred forty (140) gallon combined capacity. Provide auxiliary non-skid metal step below tank step. Fuel tank mounting shall not extend behind cab if possible.

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Lighting

Long-life halogen head lights with day time running feature. Dual face turn signals. All lighting and reflectors to meet federal motor vehicle safety standards (FMVSS) and DOT regulations. LED lighting if available.

Paint

Prime and paint truck chassis cab highway orange with factory clear coat with exception of hood, which shall be primed and painted with flat black. Truck chassis vendor shall provide manufacturer's paint number to body installer for match.

Safety/Fire Extinguisher

Ten (10) pound "ABC" fire extinguisher mounted with heavy-duty metal bracket.

Item	Approx. Qty.	Unit	Article and Description	Unit Price
003 Bid As Options:				
A)			"Fuller" ten (10)-speed overdrive manual transmission to meet engine torque rating in lieu of thirteen (13)-speed	<i>(deduct)</i> (AA) \$2,620.00 (AB) \$1,500.00 (AC) \$788.00 (AD) \$267.00 (AE) \$736.00 (AF) \$1,186.00 (AG) \$948.00 (AH) \$1,400.00
B)			"Allison" (4500rds) six (6) automatic transmission with PTO capability in lieu of thirteen(13)-speed	<i>(add)</i> (AA) \$13,485.00 (AB) \$13,485.00 (AC) \$16,787.00 (AD) \$16,572.00 (AE) \$16,649.00 (AF) \$10,890.00 (AG) \$12,185.00 (AH) \$31,500.00
C)			Additional parts book (CD ROM if available)	<i>(add)</i> (AA) \$475.00 (AB) \$475.00 (AC) \$375.00 (AD) \$375.00 (AE) \$400.00 Online (AF) \$0.00 (AG) \$300.00 (AH) \$250.00

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D) Additional technical manual (CD ROM if available)	<i>(add)</i> (AA) \$475.00 (AB) \$475.00 (AC) \$375.00 (AD) \$375.00 (AE) \$400.00 Online (AF) \$0.00 (AG) \$300.00 (AH) \$350.00
E) Twenty thousand (20,000) pounds front axle with "good year" 425/65r x 22.5 load range "I" tires and wheels to match axle rating	<i>(add)</i> (AA) \$1,684.00 (AB) \$1,604.00 (AC) \$2,580.00 (AD) \$2,535.00 (AE) Included (AF) \$214.00 (AG) \$148.00 (AH) \$4,100.00
F) Forty-six thousand (46,000) pounds rear suspension and "Meritor" axles "Hendrickson" (HMX 460) fifty-four (54) inch spacing	<i>(add)</i> (AA) \$2,462.00 (AB) \$2,962.00 (AC) \$3,267.00 Mack w/50" axle spacing (AD) \$3,507.00 (AE) \$652.00 (AF) \$2,678.00 (AG) \$2,032.00 (AH) \$5,860.00
G) Forty-six thousand (46,000) pounds vocational air-ride rear suspension "Hendrickson" (PAX 460) fifty-four (54) inch spacing	<i>(add)</i> (AA) \$4,553.00 (AB) \$4,553.00 (AC) \$2,829.00 Mack w/AL-461, air, 52" axle spacing (AD) \$3,852.00 (AE) \$1,900.00 (AF) \$3,152.00 (AG) \$2,115.00 (AH) \$7,660.00

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H) One hundred forty-eight (148) inches cab to trunnion	<i>(add)</i> (AA) \$1,305.00 (AB) \$1,605.00 (AC) \$1,238.00 (AD) \$720.00 (AE) \$528.00 (AF) \$0.00 (AG) \$42.00 (AH) \$300.00
I) Twenty-four (24) inches after frame for water tank & oil distributor applications	<i>(add)</i> (AA) \$105.00 (AB) \$105.00 (AC) \$0.00 (AD) \$0.00 (AE) \$0.00 (AF) \$0.00 (AG) \$42.00 (AH) \$780.00
J) Dual heated west coast type (power adjust) mirrors	<i>(add)</i> (AA) Included (AB) Included (AC) Included (AD) Included (AE) Included Std (AF) \$0.00 (AG) Included Std (AH) \$0.00
K) Front frame extension and engine crank PTO provision	<i>(delete-deduct)</i> (AA) \$105.00 (AB) \$605.00 (AC) \$271.00 (AD) \$1,060.00 (AE) \$1,444.00 (AF) \$316.00 (AG) \$2,017.00 (AH) \$2,000.00

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L) Straight truck trailer air brakes *(delete-deduct)* (AA) \$546.00
 (AB) \$518.00
 (AD) \$298.00
 (AE) \$437.00
 (AF) \$276.00
 (AG) \$100.00
 (AH) \$400.00

M) Front bumper *(delete-deduct)* (AA) \$105.00
 (AB) \$105.00
 (AC) N/A
 (AD) N/A
 (AE) \$220.00
 (AF) \$16.00
 (AG) \$0.00
 Std (AH) \$0.00

N) Cold weather starting aid *(deduct)* (AA) N/A
 (AB) N/A
 (AC) N/A
 (AD) N/A
 (AE) Included
 Std (AF) \$0.00

Option not offered by O.E.M. (AG) Comment
 Std (AH) \$0.00

O) Engine shut down system *(deduct)* (AA) Included
 (AB) Included
 (AC) N/A
 (AD) N/A
 (AE) Included
 Std (AF) \$0.00
 (AG) \$0.00
 Std (AH) \$0.00

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P) Fender guides	<i>(deduct)</i> (AA) \$205.00 (AB) \$205.00 (AC) \$150.00 (AD) \$150.00 (AE) \$101.00 (AF) \$98.00 (AG) \$150.00 (AH) N/A
Q) Higher horsepower/torque ratings less front frame extension	<i>(add)</i> (AA) \$2,511.00 (AB) \$2,511.00 (AC) \$2,800.00 (AD) \$3,400.00 (AE) \$200.00 (AF) \$584.00 (AG) \$1,134.00 (AH) \$3,800.00
R) Factory installed auxiliary snow plow light switch and wiring	<i>(add)</i> (AA) \$203,500.00 (AB) \$203.00 (AC) Included (AD) \$230.00 (AE) \$130.00 (AF) \$126.00 *Option not offered by O.E.M. (AG) Comment* (AH) N/A
S) Frontal air intake for snow removal operations	<i>(add)</i> (AA) N/A (AB) \$605.00 (AC) Included (AD) Included (AE) N/A (AF) \$116.00 *Option not offered by O.E.M. (AG) Comment* (AH) N/A

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T) High profile sliding fifth wheel, catwalk, pogo stick, tractor airline package in lieu of straight electrical cord.	(add)	(AA) \$1,675.00 (AB) \$1,675.00 (AC) \$6,542.00 (AD) \$6,355.00 (AE) \$2,044.00 (AF) \$1,696.00 (AG) \$1,359.00 (AH) \$4,700.00
U) Six (6) factory installed modular electrical auxiliary switches installed in dash with NMDOT nomenclature.	(add)	(AA) \$415.00 (AB) \$415.00 (AC) N/A (AD) Included (AE) N/A (AF) \$301.00 (AG) \$115.00 (AH) \$380.00
V) Six (6) inch spotlight	(add)	(AA) \$340.00 (AB) \$340.00 (AC) \$340.00 (AD) \$340.00 MCT (AE) \$340.00 (AF) \$440.00 (AG) Included (AH) \$460.00
W) Metal hardware cloth installed between radiator and fan shroud	(add)	(AA) N/A (AB) N/A (AC) \$375.00 (AD) \$375.00 (AE) N/A (AF) N/A (AG) \$150.00 (AH) N/A

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X) Dual hood hatches *(add)* (AA) \$2,155.00
 (AB) \$613.00
 (AC) N/A
 N/A w/Allison transmission (AD) \$1,748.00
 (AE) N/A
 (AF) N/A
 (AG) Included
 (AH) N/A

Y) Factory or dealer installed outside thermometer with dual digital in-cab gauge display that reads outside ambient temperature & road temperature "road watch" (RW-1) *(add)* (AA) \$1,250.00
 (AB) \$1,250.00
 (AC) \$1,250.00
 (AD) \$1,250.00
 MCT (AE) \$1,250.00
 (AF) \$1,350.00
 (AG) \$1,250.00
 (AH) \$1,600.00

Z) Stainless steel full fenders *(add)* (AA) \$1,850.00
 (AB) \$1,850.00
 (AC) 1,850.00
 (AD) \$1,850.00
 MCT (AE) \$1,850.00
 (AF) \$1,950.00
 (AG) \$1,840.00
 (AH) \$1,950.00

AA) Head board to completely protect back of cab (cab height) and meet DOT requirements. Head board boomers (lockable) with lower chain tray. Dual mini light one blue one amber as per NMDOT spec. *(add)* (AA) \$1,675.00
 (AB) \$1,675.00
 (AC) \$1,675.00
 (AD) \$1,675.00
 MCT (AE) \$1,675.00
 (AF) \$1,775.00
 (AG) \$1,675.00
 (AH) \$1,857.00

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BB) Three (3) sets of keyed alike fleet keys	(add)	(AA) \$35.00 (AB) \$35.00 (AC) Included (AD) \$25.00 (AE) Included Std (AF) \$0.00 (AG) Included (AH) \$180.00
CC) Light pre-trip inspection (cycle all exterior lights)	(add)	(AA) N/A (AB) \$30.00 (AC) N/A (AD) N/A (AE) N/A (AF) \$22.00 *Option not offered by O.E.M. (AG) Comment* (AH) N/A
DD) Automated transmission "Eaton" Ultrashift Plus or approved equal	(add)	(AA) N/A (AB) \$7,200.00 (AC) N/A (AD) N/A (AE) \$6,889.00 (AF) \$5,405.00 (AG) \$7,636.00 (AH) \$17,000.00
EE) Front air disk brakes	(add)	(AA) N/A (AB) \$1,470.00 (AC) N/A (AD) N/A (AE) \$1,350.00 (AF) \$1,445.00 (AG) \$1,154.00 (AH) N/A

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FF) Fourteen thousand (14,000) pound axle	<i>(deduct)</i> (AA) \$905.00 (AB) \$1,205.00 (AC) \$268.00 (AD) \$790.00 (AE) \$907.00 (AF) \$1,115.00 (AG) \$1,766.00 (AH) \$500.00
GG) Heated windshield	<i>(add)</i> (AA) \$613.00 (AB) \$537.00 (AC) \$330.00 (AD) \$593.00 (AE) N/A (AF) \$329.00 *Option not offered by O.E.M. (AG) Comment* (AH) N/A
HH) Frame reinforce behind cab	<i>(add)</i> (AA) \$708.00 (AB) \$1,230.00 (AC) \$1,052.00 (AD) \$582.00 (AE) \$69.00 (AF) \$531.00 (AG) Included (AH) \$3,400.00
II) Safety package to include: <ul style="list-style-type: none"> • Windshield wipers forced to slowest intermittent setting when parking brake set. • Headlights automatically on when windshield wipers on. • Parking brake alarm sounds when parking brake is not set & any door is opened. • Brake lights override hazard lights. 	<i>(add)</i> (AA) N/A (AB) \$150.00 (AC) N/A (AD) N/A (AE) N/A (AF) \$69.00 *Option not offered by O.E.M. (AG) Comment* (AH) N/A

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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004 Each Truck, Cab & Chassis, 54,000 Pounds GVWR with Fifth Wheel and Manual Transmission, New Current Production Model

Base price per unit:
 Make offered: _____
 Model offered: _____

(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)
\$128,891.00	\$125,130.00	\$117,560.00	\$109,582.00	\$111,931.00	\$118,500.00 (Primary Bid)	\$120,670.00	\$129,148.00
Western Star 4900	Freightliner Coronado SD	Volvo/2013 VHD64F200	Mack/2013 GU713	Kenworth T800	International Lonestar	Peterbilt 367	CaterpillarCT660L (See Exceptions)
					\$115,500.00 (Alternate Bid)		
					International Paystar5900i		

Specifications:

Scope

This specification describes a fifty-four thousand (54,000) pounds gross vehicle weight rating (GVWR), cab & chassis truck with diesel engine, fifth wheel and thirteen (13)-speed manual transmission.

Engine

Fully electronic diesel, to meet 2012 Federal Emissions. Two thousand (2,000) rpm rating, in-line six (6) cylinder wet-sleeves. Factory installed turbocharger. Minimum of four hundred thirty-five (435) gross horsepower and one thousand six-hundred and fifty (1,650) lbs./ft. Gross torque at rated rpm. Engine compression brakes "Jacobs" or prior approved equal. Dual element air cleaner. Air restriction indicator. Spin-on or drop in oil filter(s). Fuel filter and fuel/water separator. . Engine block heater fifteen hundred (1,500) watt. High engine temperature, low oil pressure, engine shut-down system.

Engine Electronics

To provide the following: road speed governing, engine protection system, cruise control and auto resume, comprehensive engine diagnostics, adjustable low idle speed.

Exhaust

Exhaust particulate filter/muffler right hand side with protective guard and grab handles if available. Forty-five degree (45°) stack turn out.

Cooling System

Maximum cooling available for horse power and torque. Automatic on/off type control fan drive with normally closed temperature control switch "Horton" or equal. Long-life or extended life coolant. Anti-freeze protection in system to minus forty degrees Fahrenheit (-40 °F).

Hoses/Clamps

Silicone radiator/heater hoses with constant torque clamps or prior approved equal.

Instrumentation

Provide the following gauges: oil pressure, water temperature, dual air pressure, brake application, transmission temperature, forward axle temperature, rear axle temperature and fuel gauge to read level in both tanks. Provide the following meters: speedometer, tachometer, odometer, hour meter and voltmeter. Low oil pressure, high engine temperature and low air pressure shall have visual and audible warning.

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Transmission

To meet engine torque rating. Manual, thirteen(13)-speed over drive "Fuller" (RTLO) or prior approved equal. Synthetic lube, internal lube pump and oil cooler. Right side, six (6)-bolt power take-off opening.

Clutch

Fifteen and one half inches (15-1/2") diameter ceramic Long Travel Damper (LTD). Heavy-duty clutch brake.

Front Axle

I-beam-type, fourteen thousand (14,000) pounds capacity. Synthetic oil lubricated front wheel hubs with "Stemco" clear caps or approved equal.

Front Suspension

Tapered-leaf spring suspension to meet front axle capacity with heavy-duty shocks.

Steering

"TRW" Hydraulic power or approved equal. Tilt and telescoping steering wheel.

Rear Axles

Tandem axles, "Meritor" (rt-40-145p) or prior approved equal forty thousand (40,000) pounds capacity. Inter-axle differential lock. Synthetic lube and hub oil seals. Magnetic filler and drain plugs. Pressure lubricated.

Ratio

Manufacturer's suggested ratio to obtain seventy-five (75) mph at one thousand eight hundred (1,800) rpm.

Rear Suspension

"Hendrickson" (has-400) or prior approved equal, forty thousand (40,000) pounds capacity air ride suspension.

Drive Lines

SPL 250xl (100k interval) main drive line and SPL 170xl (100k interval) inter-axle drive line, matched to drive train. Saddle mount U-joints.

Hood

Tilting hood with smoke colored deflector shield. Marker-directional-warning lights.

Bumper

Manufacturer's standard steel front bumper.

Cab to Trunnion

One hundred twenty-six (126) inches useable (CT) behind exhaust particulate filter/muffler and heat shield if applicable.

Frame

Three-eighths inch (3/8") thick rails and one hundred ten thousand (110,000) psi. Yield rating and two million one hundred thousand (2,100,000) RBM rating to meet fifty four thousand (54,000) pounds gross vehicle weight rating. Unobstructed frame rails behind cab. Front tow hooks

Brakes

Anti-lock braking system with blink code diagnostics "Bendix" (ABS) or prior approved equal. Dual air brakes system. 16.5 CFM air compressor "Bendix" (TU-FLO 650) or prior approved equal. Dv-2 heated drain valve on wet reservoir. Spring loaded parking/emergency rear brake canisters (sealed) on both rear axles. Rear brake canisters shall not extend behind wheels. Front brakes shall be sixteen and one half inch x five inch (16-1/2" x 5") with factory installed dust shields. Rear brakes shall be sixteen and one half inch x seven inch (16-1/2" x 7"). "Meritor" (Q-Plus) quick change design or prior approved equal that will allow removal of drum without removing axle hub assembly. Factory installed dust shields on both rear axles. Automatic slack adjusters. Factory installed air dryer "Bendix" (AD-9) or prior approved equal.

Drums

"Hub-piloted" outboard mounted brake drums.

Wheels

22.5 x 8.25, seven thousand-five hundred (7,500) pounds capacity ten(10)-hole "hub-piloted" type wheels "Accuride" with front/rear rubber or nylon wheel guards. Spare wheel included. White, powder coat paint.

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Tires

12R22.5, sixteen (16) ply, load range "H" steel belted radials manufactured in the U.S.A. "Goodyear" (G159) front and (G124) rear or prior approved equal.

Tractor/Trailer Air Brake System

Air lines extending to the rear of the cab to actuate air brakes of towed trailer units. The system shall include a column mounted hand lever brake control to actuate trailer brakes independently. Tractor/trailer protection valve that actuates in the event of air pressure loss and provides parking/emergency brakes to towed units. Color-coded DOT approved air lines with color coded glad hands attached to pogo stick. Dummy glad-hand holders.

Electrical

Twelve (12)-volt starting and charging system (negative ground). Three (3) heavy-duty, maintenance free batteries, one thousand eight hundred seventy-five (1,875) CCA combined. Protected from the elements with weather tight lockable cover. One hundred forty (140) amp alternator with type c regulator and low turn-on speed. "Delco" (39MT/OCP) over-crank protection starter. Seven (7)-way electrical plug at rear of cab with heavy-duty pig tail mounted to pogo stick for trailer units. Heavy-duty "Kysor" flasher. Circuit breakers in lieu of fuses. Master disconnect switch on curb-side by battery box. Jump start studs. Thirty (30) amp, two (2)-way radio wiring ready.

Cab

Standard, conventional cab. One hundred twenty (120) inches minimum actual cab dimension (BBC) (front of hood to back of cab). Manufacturer's premium interior trim level to include back wall panel and roof panel with insulation. Over-head and door storage pockets. Factory installed air conditioner (CFC free) with air conditioner protection system (apads). Factory tinted glass. Shoulder harness safety belts. Heater/defroster, fresh air intake-type heater. Cigarette lighter, ash tray. Twelve (12)-volt power accessories socket receptacle. Dual exterior power adjust rear view mirrors, west coast-type or molded type, six inch x fifteen inch (6" x 15") (glass). Dual eight-inch (8") diameter convex-type mirrors installed below mirrors. Look down mirror on passenger door. AM/FM CD premium stereo. Heavy-duty electric two (2)-speed intermittent windshield wipers and windshield washers. Sun-visors. Provide exterior grab handles left/right for entering and exiting cab if available. Dome light. Dual map lights for driver and passenger, individually controlled. Exterior sunshade aerodynamic to include integral clearance/marker lamps. Dual air horns.

Keys

Three (3) complete sets of keys.

Headboard

To completely protect back of cab (cab height) and meet DOT requirements. Heavy-duty aluminum headache rack with opening for rear window and provisions for storing a minimum of eight (8) chains and eight (8) boomers (lockable) with lower chain tray.

Fender Guides

Manufacturer's standard, dual, front fender mounted, stainless steel brackets and eight inch (8") convex mirrors.

Seats

Dual, high back air suspension full cloth seats or vinyl boxing with cloth facing (cloth inserts not acceptable) with three(3)-way air bolster adjustment (lumbar, thigh and side) "Bostrom" or prior approved equal. Right side arm rest on driver's seat. Left side on passenger seat.

Fuel Tanks

Non-polished aluminum, dual one hundred(100) -gallon step-type, two hundred (200) gallon combined capacity minimum. Provide auxiliary non-skid metal step below tank step.

Fifth Wheel

High profile sliding fifth wheel "Holland F'W70" or prior approved equal, lock system. Cab mounted air controls.

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Catwalk/Pogo Stick

Manufacturer's standard aluminum catwalks with traction assemblies mounted to frame and cover all frame areas between back of cab and fifth wheel. Manufacturer's standard heavy-duty spring loaded pogo stick to hold air lines and electrical pig tail.

Access Steps

Install access steps behind cab on driver's side to allow access to catwalk.

Tapered Rear Frame

Tapered rear frame to assist in trailer coupling.

Toolbox

Twenty-four inches x eighteen inches (24" x 18") tool box with "T" twist lockable handle (bolt mount). Location to be specified by user.

Fenders and Mud Flaps

Install manufacturer's standard stainless steel quarter fenders. Twenty-four inches x thirty inches (24" x 30") solid black mud flaps (no dealer advertisement).

Lighting

Long-life halogen head lights with day time running feature. All lighting (L.E.D.) reflectors to meet Federal Motor Vehicle Safety Standards (FMVSS) and DOT regulations.

Paint

Prime and paint truck chassis cab highway orange with factory clear coat.

Safety/Fire Extinguisher

Ten (10) pound "ABC" fire extinguisher mounted with heavy-duty metal bracket.

Safety/Mini Light Bars

Dual "Federal Signal" (Highlighter 454201-25) LED amber (front) red (rear) mini light bars or approved equal. Mounted on each side of headache rack, visible from front and rear.

Item	Approx. Qty.	Unit	Article and Description	Unit Price
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004 Bid As Options:

A) "Fuller" fifteen(15)-speed overdrive manual transmission with internal lube pump and oil cooler to meet engine torque rating in lieu of thirteen(13)-speed		<i>(add)</i>		(AA) \$185.00
				(AB) \$245.00
				(AC) N/A
				(AD) \$604.00
				(AE) N/A
			Primary	(AF) N/A
			Alternate	(AF) N/A
				(AG) \$419.00
				(AH) \$200.00

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B) "Fuller" eighteen(18)-speed overdrive manual transmission with internal lube pump and oil cooler to meet engine torque rating in lieu of thirteen(13)-speed		<i>(add)</i>	(AA) \$480.00
			(AB) \$538.00
			(AC) \$895.00
			(AD) \$864.00
			(AE) \$530.00
		Primary	(AF) \$259.00
		Alternate	(AF) \$311.00
			(AG) \$751.00
			(AH) \$500.00
	C) Additional parts book (CD ROM if available)		<i>(add)</i>
			(AB) \$475.00
			(AC) \$375.00
			(AD) \$375.00
			(AE) \$400.00
		Online Primary	(AF) \$0.00
		Online Alternate	(AF) \$0.00
			(AG) \$300.00
			(AH) \$250.00
D) Additional technical manual (CD ROM if available)			<i>(add)</i>
			(AB) \$475.00
			(AC) \$375.00
			(AD) \$375.00
			(AE) \$400.00
		Online Primary	(AF) \$0.00
		Online Alternate	(AF) \$0.00
			(AG) \$300.00
			(AH) \$350.00
	E) Dual heated west coast type (power adjust) mirrors		<i>(add)</i>
			(AB) Included
			(AC) Included
			(AD) Included
			(AE) Included
		Std Primary	(AF) \$0.00
		Std Alternate	(AF) \$0.00
			(AG) Included
		Std	(AH) \$0.00

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F) Cold weather starting aid	<i>(delete-deduct)</i> (AA) N/A (AB) N/A (AC) N/A (AD) N/A (AE) Included Std Primary (AF) \$0.00 Std Alternate (AF) \$0.00 *Option not offered by O.E.M. (AG) Comment* Std (AH) \$0.00
G) Engine shut-down system	<i>(delete-deduct)</i> (AA) Included (AB) Included (AC) N/A (AD) N/A (AE) Included Std Primary (AF) \$0.00 Std Alternate (AF) \$0.00 (AG) \$0.00 Std (AH) \$0.00
H) Fender guides	<i>(delete-deduct)</i> (AA) \$205.00 (AB) \$205.00 (AC) \$150.00 (AD) \$150.00 (AE) \$101.00 Primary (AF) \$0.00 Alternate (AF) \$0.00 (AG) \$150.00 (AH) N/A
I) "Hendrickson" variable spring rate suspension system, tandem equalizing beam. Forty thousand (40,000) pounds capacity "Hendrickson" (HMX 400) or prior approved equal.	TUF-TRAC <i>(deduct)</i> (AA) \$3,146.00 TUF-TRAC (AB) \$3,146.00 (add) (AC) \$1,856.00 (add) (AD) \$2,843.00 (AE) \$2,254.00 Primary (AF) N/A (add) Alternate (AF) \$159.00 (AG) \$250.00 (AH) \$280.00

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J) "Muncie" complete wet kit system with aluminum forty gallon (40) reservoir fuel tank height mounted behind cab, cab controls, hoses, hydraulic type fittings, filter and valves for hydraulic tail lowboy T-type clamps, (no black pipe fittings)

(add) (AA) \$4,350.00
 (AB) \$4,350.00
 (AC) \$4,350.00
 (AD) \$4,350.00
MCT (AE) \$4,350.00
Primary (AF) \$4,450.00
Alternate (AF) \$4,450.00
 (AG) \$4,350.00
 (AH) \$5,500.00

K) "Muncie" complete wet kit system with cab controls, hoses, hydraulic type fittings, filter and valves for hydraulic "Flowboy" trailers T-type clamps, (no black pipe fittings), fifty gallon aluminum reservoir.

(add) (AA) \$6,850.00
 (AB) \$6,850.00
 (AC) \$6,850.00
 (AD) \$6,850.00
MCT (AE) \$6,850.00
Primary (AF) \$5,798.00
Alternate (AF) \$5,798.00
 (AG) \$6,850.00
 (AH) \$7,850.00

L) Stainless steel full fenders in lieu of half fenders

(add) (AA) \$1,850.00
 (AB) \$1,850.00
 (AC) \$1,850.00
 (AD) \$1,850.00
MCT (AE) \$1,850.00
Primary (AF) \$1,950.00
Alternate (AF) \$1,950.00
 (AG) \$1,850.00
 (AH) \$1,950.00

M) Dual low back cloth air seats with three-way adjustment

(add) (AA) N/A
 (AB) N/A
 (AC) N/A
 (AD) \$418.00
 (AE) \$0.00
Primary (AF) N/A
Alternate (AF) \$0.00
 (AG) \$0.00
 (AH) \$400.00

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N) Dual exhaust stacks	<p>(add) (AA) \$735.00 (AB) \$813.00 (AC) \$1,687.00 (AD) \$2,140.00 (AE) \$256.00 Primary (AF) \$1,608.00 Alternate (AF) \$1,700.00 (AG) \$639.00 (AH) \$3,700.00</p>
O) Light pre-trip inspection (cycle all exterior lights)	<p>(add) (AA) N/A (AB) N/A (AC) N/A (AD) N/A (AE) N/A Std Primary (AF) \$0.00 Alternate (AF) N/A *Option not offered by O.E.M. (AG) Comment* (AH) N/A</p>
P) Rear third axle	<p>(add) (AA) \$8,867.00 (AB) \$8,867.00 Pusher, air, steerable, tires & wheels (AC) \$16,758.00 Pusher, air, steerable, tires & wheels (AD) \$18,328.00 (AE) \$9,185.00 Primary (AF) N/A Alternate (AF) N/A (AG) \$7,385.00 (AH) \$9,200.00</p>
Q) Dual outside air cleaners	<p>(add) (AA) N/A (AB) N/A (AC) N/A (AD) N/A (AE) Included Std Primary (AF) \$0.00 Alternate (AF) \$1,013.00 (AG) \$451.00 (AH) N/A</p>

State of New Mexico
 General Services Department
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R) Front air disc brakes	<i>(add)</i> (AA) \$1,012.00 (AB) \$1,470.00 (AC) N/A (AD) N/A (AE) \$1,562.00 Primary (AF) N/A Alternate (AF) N/A (AG) \$1,192.00 (AH) N/A
S) Automated transmission "Eaton" Ultrashift Plus or approved equal	<i>(add)</i> (AA) \$8,700.00 18 Speed (AB) \$7,200.00 (AC) \$5,178.00 Allison RDS-4500, 6-speed (AD) \$16,572.00 (AE) \$5,930.00 Primary (AF) \$6,303.00 Alternate (AF) \$5,477.00 (AG) \$6,875.00 (AH) \$17,000.00
T) Eighteen thousand (18,000) pound front axle	<i>(add)</i> (AA) \$3,345.00 (AB) \$3,336.00 (AC) \$609.00 (AD) \$1,980.00 (AE) \$2,439.00 Primary (AF) N/A Alternate (AF) \$410.00 (AG) \$1,989.00 (AH) \$2,250.00
U) Forty-six thousand (46,000) pound rear axle "Hendrickson" or approved equal	<i>(add)</i> (AA) \$7,563.00 (AB) \$6,483.00 (AC) \$4,876.00 (AD) \$5,618.00 (AE) \$5,904.00 Primary (AF) \$2,298.00 Alternate (AF) \$2,438.00 (AG) \$2,473.00 (AH) \$6,100.00

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V) Five hundred (500) horsepower engine

(add) (AA) \$3,675.00
 (AB) \$3,500.00
 (AC) \$1,833.00
 (AD) \$2,004.00
 (AE) \$747.00
Primary (AF) N/A
Alternate (AF) N/A
 (AG) \$1,749.00
 (AH) \$8,800.00

W) On highway air ride suspension

(deduct) (AA) \$1,125.00
 (AB) \$570.00
 (AC) \$63.00
 (AD) \$1,009.00
 (AE) \$2,166.00
Primary (AF) \$1,018.00
Alternate (AF) N/A
 (AG) \$479.00
Std (AH) \$0.00

X) Aluminum wheels for front and rear

(add) (AA) \$1,274.00
 (AB) \$1,150.00
 (AC) \$2,013.00
 (AD) \$1,480.00
 (AE) \$345.00
Std Primary (AF) \$0.00
Alternate (AF) \$1,209.00
 (AG) \$429.00
 (AH) \$2,500.00

Y) Air ride cab

(add) (AA) Included
 (AB) Included
 (AC) Included
 (AD) Included
 (AE) Included
Std Primary (AF) \$0.00
Std Alternate (AF) \$0.00
 (AG) \$280.00
Std (AH) \$0.00

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Z) Safety package to include:

- Windshield wipers forced to slowest intermittent setting when parking brake set.
- Headlights automatically on when windshield wipers on.
- Parking brake alarm sounds when parking brake is not set & any door is opened.
- Brake lights override hazard lights.

(add) (AA) N/A

(AB) N/A

(AC) N/A

(AD) N/A

(AE) N/A

Primary (AF) N/A

Alternate (AG) N/A

Option not offered by O.E.M. (AG) Comment

(AH) N/A

4 Items Awarded



State of New Mexico
General Services Department
Purchasing Division

Price Agreement Amendment

Awarded Vendor:
2 Vendors

Telephone No.:

Price Agreement Number: 40-805-13-10348

Price Agreement Amendment No.: Two

Term: October 17, 2013-October 16, 2015

Ship To:
New Mexico Department of Transportation
Agency Will Pick Up

Invoice:
New Mexico Department of Transportation
1120 Cerrillos Road
Santa Fe, NM 87504

For questions regarding this Price Agreement please contact:
James Ortega 505-827-5135

Procurement Specialist: Eric Sanchez

Telephone No.: (505) 827-0554

Title: **Dump Bodies 5-6 YD 10-12 YD with Central Hydraulics**

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Price Agreement provisions, and by mutual agreement of all parties, this Price Agreement is extended from October 17, 2014 to October 16, 2015 at the same terms and conditions.

Vendor AA is escalating pricing: Item #1 base price is \$33,306.00. Item #2 base price \$36,665.00.

The provisions of the Price Agreement shall remain in full force and effect, except as modified by this amendment.

Accepted for the State of New Mexico

New Mexico State Purchasing Agent

Date: 10/6/14



State of New Mexico
General Services Department
Purchasing Division

Price Agreement Amendment

Awarded Vendor
0000046837
MCT Industries, Inc.
7451 Pan American Frwy. NE
Albuquerque, NM 87109
Telephone No. 505-345-8651

Price Agreement Number: 40-805-13-10348

Price Agreement Amendment No.: One

Term: October 17, 2013-October 16, 2014

Ship To:
New Mexico Department of Transportation
Agency will pick up

Procurement Specialist: Eric Sanchez 

Telephone No.: 505-827-0554

Invoice:
New Mexico Department of Transportation
1120 Cerrillos Road
Santa Fe, NM 87504

For questions regarding this Price Agreement please contact:
James Ortega 505-827-5135

Title: **Dump Bodies 5-6 YD 10-12 YD with Central Hydraulics**

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

This amendment is issued to reflect the following effective immediately. On page 29 change options vendor from vendor (AC) to (AB).

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 10/23/13



State of New Mexico
General Services Department

Price Agreement

Awarded Vendor
2 Vendor – See page 7

Price Agreement Number: 40-805-13-10348

Payment Terms: Net 30

F.O.B.: Destination

Delivery: See page 7

Ship To:
New Mexico Department of Transportation
Agency will pick up

Procurement Specialist: Eric Sanchez 

Telephone No.: 505-827-0554

Invoice:
New Mexico Department of Transportation
1120 Cerrillos Road
Santa Fe, NM 87504

For questions regarding this contract please contact:
James Ortega 505-827-5135

Title: **Dump Bodies 5-6 YD 10-12 YD with Central Hydraulics**

Term: **October 17, 2013 thru October 16, 2014**

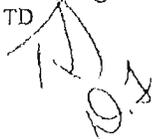
This Price Agreement is made subject to the "terms and conditions" shown on the reverse side of this page, and as indicated in this Price Agreement.

Accepted for the State of New Mexico



New Mexico State Purchasing Agent

Date: 10/15/13

TD


State of New Mexico
General Services Department
Purchasing Division
Price Agreement #: 40-805-13-10348

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Terms and Conditions
(Unless otherwise specified)

1. **General:** When the State Purchasing Agent or his/her designee issues a purchase document in response to the Vendor's bid, a binding contract is created.
2. **Variation in Quantity:** No variation in the quantity of any item called for by this order will be accepted unless such variation has been caused by conditions of loading, shipping, packing or allowances in manufacturing process and then only to the extent, if any, specified in this order.
3. **Assignment:**
 - a. Neither the order, nor any interest therein, nor any claim thereunder, shall be assigned or transferred by the Vendor, except as set forth in Subparagraph 3b or as expressly authorized in writing by the State Purchasing Agent or his/her designee. No such assignment or transfer shall relieve the Vendor from the obligations and liabilities under this order.
 - b. Vendor agrees that any and all claims for overcharge resulting from antitrust violations which are borne by the State as to goods, services, and materials purchased in connection with this bid are hereby assigned to the State.
4. **State Furnished Property:** State furnished property shall be returned to the State upon request in the same condition as received except for ordinary wear, tear and modifications ordered hereunder.
5. **Discounts:** Prompt payment discounts will not be considered in computing the low bid. Discounts for payment within twenty (20) days will be considered after the award of the contract. Discounted time will be computed from the date of receipt of the merchandise invoice, whichever is later.
6. **Inspection:** Final inspection and acceptance will be made at the destination. Supplies rejected at the destination for nonconformance with specifications shall be removed at the Vendor's risk and expense, promptly after notice of rejection.
7. **Inspection of Plant:** The State Purchasing Agent or his/her designee may inspect, at any reasonable time, the part of the Contractor's, or any subcontractor's plant or place of business, which is related to the performance of this contract.
8. **Commercial Warranty:** The Vendor agrees that the supplies or services furnished under this order shall be covered by the most favorable commercial warranties the Vendor gives for such to any customer for such supplies or services. The rights and remedies provided herein shall extend to the State and are in addition to and do not limit any rights afforded to the State by any other clause of this order. Vendor agrees not to disclaim warranties of fitness for a particular purpose of merchantability.
9. **Taxes:** The unit price shall exclude all state taxes.
10. **Packing, Shipping and Invoicing:**
 - a. The State's purchasing document number and the Vendor's name, user's name and location shall be shown on each packing and delivery ticket, package, bill of lading and other correspondence in connection with the shipments. The user's count will be accepted by the Vendor as final and conclusive on all shipments not accompanied by a packing ticket.
 - b. The Vendor's invoice shall be submitted duly certified and shall contain the following information: order number, description of supplies or services, quantities, unit price and extended totals. Separate invoices shall be rendered for each and every complete shipment.
 - c. Invoices must be submitted to the using agency and NOT the State Purchasing Agent.
11. **Default:** The State reserves the right to cancel all or any part of this order without cost to the State, if the Vendor fails to meet the provisions of this order and, except as otherwise provided herein, to hold the Vendor liable for any excess cost occasioned by the State due to the Vendor's default. The Vendor shall not be liable for any excess costs if failure to perform the order arises out of causes beyond the control and without the fault or negligence of the Vendor, such causes include but are not restricted to, acts of God or the public enemy, acts of the State or Federal Government,

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fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of subcontractors due to any of the above, unless the State shall determine that the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Vendor to meet the required delivery scheduled. The rights of the State provided in this paragraph shall not be exclusive and are in addition to any other rights now being provided by law or under this order.

12. Non-Collusion: In signing this bid the Vendor certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the State Purchasing Agent or his/her designee.

13. Nondiscrimination: Vendor doing business with the State of New Mexico must be in compliance with the Federal Civil Rights Act of 1964 and Title VII of the Act (Rev. 1979) and the Americans with Disabilities Act of 1990 (Public Law 101-336).

14. The Procurement Code: Sections 13-1-28 through 13-1-99 NMSA 1978, imposes civil and criminal penalties for its violation. In addition the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.

15. All bid items are to be NEW and of most current production, unless otherwise specified.

16. Payment for Purchases: Except as otherwise agreed to: late payment charges may be assessed against the user state agency in the amount and under the conditions set forth in Section 13-1-158 NMSA 1978.

17. Workers' Compensation: The Contractor agrees to comply with state laws and rules pertaining to Workers' Compensation benefits for its employees. If the Contractor fails to comply with Workers' Compensation Act and applicable rules when required to do so, this Agreement may be terminated by the contracting agency.

18. Bids must be submitted in a sealed envelope with the bid number and opening date clearly indicated on the bottom left hand side of the front of the envelope. Failure to label bid envelope will necessitate the premature opening of the bid in order to identify the bid number.

19. Contractor Personnel: Personnel proposed in the Contractor's written proposal to the Procuring Agency are considered material to any work performed under this Price Agreement. Once a Purchase Order or contract has been executed, no changes of personnel will be made by the Contractor without prior written consent of the Procuring Agency. Replacement of any Contractor personnel, if approved, shall be with personnel of equal ability, experience, and qualifications. The Contractor will be responsible for any expenses incurred in familiarizing the replacement personnel to insure their being productive to the project immediately upon receiving assignments. Approval of replacement personnel shall not be unreasonably withheld. The Procuring Agency shall retain the right to request the removal of any of the Contractor's personnel at any time.

20. Subcontracting: The Contractor shall not subcontract any portion of the Price Agreement without the prior written approval of the Procuring Agency. No such subcontracting shall relieve the Contractor from its obligations and liabilities under this Price Agreement, nor shall any subcontracting obligate payment from the Agency.

21. Records and Audit: The Contractor shall maintain detailed time and expenditure records that indicate the date, time, nature, and cost of services rendered during this Price Agreement's term and effect, and retain them for a period of three (3) years from the date of final payment under this Price Agreement. The records shall be subject to inspection by the Agency, State Purchasing Division, Department of Finance and Administration, and for Information Technology contracts, State Chief Information Officer. The Agency shall have the right to audit billings, both before and after payment. Payment for services under this Price Agreement shall not foreclose the right of the Agency to recover excessive or illegal payments.

22. The foregoing requirements for Contractor Personnel, Subcontracting, and Audit shall be inserted into all subcontracts from the prime contractor to the subcontractor.

State of New Mexico
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New Mexico Employees Health Coverage

A. If Contractor has, or grows to, six (6) or more employees who work, or who are expected to work, an average of at least 20 hours per week over a six (6) month period during the term of the contract, Contractor certifies, by signing this agreement, to have in place, and agrees to maintain for the term of the contract, health insurance for its New Mexico Employees and offer that health insurance to its New Mexico Employees if the expected annual value in the aggregate of any and all contracts between Contractor and the State exceeds \$250,000 dollars.

B. Contractor agrees to maintain a record of the number of its New Mexico Employees who have (a) accepted health insurance; (b) declined health insurance due to other health insurance coverage already in place; or (c) declined health insurance for other reasons. These records are subject to review and audit by a representative of the state.

C. Contractor agrees to advise all of its New Mexico Employees of the availability of State publicly financed health care coverage programs by providing each of its New Mexico Employees with, as a minimum, the following web site link to additional information: <http://insurenw.mexico.state.nm.us/>.

D. For purposes of this Paragraph, the following terms have the following meanings:

- (1) "New Mexico Employee" means any resident of the State of New Mexico employed by Contractor who performs the majority of the employee's work for Contractor within the State of New Mexico, regardless of the location of Contractor's office or offices; and
- (2) "offer" means to make available, without unreasonable restriction, enrollment in one or more health coverage plans and to actively seek and encourage participation in order to achieve the goals of Executive Order 2007-049. This could include State publicly financed public health coverage programs such as *Insure New Mexico!*

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New Mexico Pay Equity Initiative

Contractor agrees, if it has ten (10) or more New Mexico employees OR eight (8) or more employees in the same job classification, at any time during the term of this contract, to complete and submit the PE10-249 form on the annual anniversary of the initial report submittal for contracts up to one (1) year in duration. If contractor has (250) or more employees, contractor must complete and submit the PE250 form on the annual anniversary of the initial report submittal for contracts that are up to one (1) year in duration. For contracts that extend beyond one (1) calendar year, or are extended beyond one (1) calendar year, contractor also agrees to complete and submit the PE10-249 or PE250 form, whichever is applicable, within thirty (30) days of the annual contract anniversary date of the initial submittal date or, if more than 180 days has elapsed since submittal of the last report, at the completion of the contract, whichever comes first. Should contractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor agrees to provide the required report within ninety (90) days of meeting or exceeding the size requirement. That submittal date shall serve as the basis for submittals required thereafter.

Contractor also agrees to levy this requirement on any subcontractor(s) performing more than 10% of the dollar value of this contract if said subcontractor(s) meets, or grows to meet, the stated employee size thresholds during the term of the contract. Contractor further agrees that, should one or more subcontractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor will submit the required report, for each such subcontractor, within ninety (90) days of that subcontractor meeting or exceeding the size requirement. Subsequent report submittals, on behalf of each such subcontractor, shall be due on the annual anniversary of the initial report submittal. Contractor shall submit the required form(s) to the State Purchasing Division of the General Services Department, and other departments as may be determined, on behalf of the applicable subcontractor(s) in accordance with the schedule contained in this paragraph. Contractor acknowledges that this subcontractor requirement applies even though contractor itself may not meet the size requirement for reporting and be required to report it self.

Two (2) copies of the Pay Equity Worksheet shall be submitted prior to Award by the prospective Awarded Vendor.

The PE10-249 and PE250 worksheet is available at the following website:
<http://www.generalservices.state.nm.us/statepurchasing/GuidesProcedures.aspx>

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Purchasing Division
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Department Price Agreement

Article I -- Statement of Work

Under the terms and conditions of this Price Agreement, the using agency may issue orders for items and/or services described herein.

The terms and conditions of this Price Agreement shall form a part of each order issued hereunder.

The items and/or services to be ordered shall be listed under Article IX -- Price Schedule. All orders issued hereunder will bear both an order number and this Price Agreement number. It is understood that no guarantee or warranty is made or implied by either the New Mexico State Purchasing Agent or the user that any order for any definite quantity will be issued under this Price Agreement. The Contractor is required to accept the order and furnish the items and/or services in accordance with the articles contained hereunder for the quantity of each order issued.

Article II --Term

The term of this Price Agreement for issuance of orders shall be as indicated in specifications.

Article III --Specifications

Items and/or services furnished hereunder shall conform to the requirements of specifications and/or drawings applicable to items listed under Article IX - Price Schedule. Orders issued against this schedule will show the applicable price agreement item(s), number(s), and price(s); however they may not describe the item(s) fully.

Article IV -- Shipping and Billing Instructions

Contractor shall ship in accordance with the instructions of this form. Shipment shall be made only against specific orders which the user may place with the contractor during the term indicated in Article II -- Term. The Contractor shall enclose a packing list with each shipment listing the order number, price agreement number and the commercial parts number (if any) for each item. Delivery shall be made as indicated on page 1. If vendor is unable to meet stated delivery the State Purchasing Agent must be notified.

Article V - Termination

This Price Agreement may be terminated by either signing party upon written notice to the other at least thirty (30) days in advance of the date of termination. Notice of termination of the price agreement shall not affect any outstanding orders.

Article VI -- Amendment

This Price Agreement may be amended by mutual agreement of the New Mexico State Purchasing Agent or his/her designee and the Contractor upon written notice by either party to the other. An amendment to this Price Agreement shall not affect any outstanding orders issued prior to the effective date of the amendment as mutually agreed upon, and as published by the New Mexico State Purchasing Agent or his/her designee. Amendments affecting price adjustments and/or the extension of a price agreement expiration date are not allowed unless specifically provided for in the bid and price agreement specifications.

Article VII -- Issuance of Orders

Only written signed orders are valid under this Price Agreement.

Article VIII -- Packing (if applicable)

Packing shall be in conformance with standard commercial practices.

Article IX -- Price Schedule

Pieces as listed in the price schedule hereto attached are firm.

State of New Mexico
General Services Department
Purchasing Division
Price Agreement #: 40-805-13-10348

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Awarded Vendors:

(AA)

0000094627

Construction Truck Equipment

Delivery: As Required

10200 Trumbull SE

Albuquerque, NM 87123

505-292-8018

(AB)

0000046837

MCT Industries, Inc.

Delivery: 120 Days

7451 Pan American Frwy, NE

Albuquerque, NM 87109

505-345-8651

State of New Mexico
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The following applies to all items described in this specification:

The term of this Price Agreement shall be for one (1) year from date of award with the option to extend for a period of three (3) additional years, on a year-to-year basis, by mutual agreement of all parties and approval of the New Mexico State Purchasing Agent at the same price, terms and conditions. This Price Agreement shall not exceed four (4) years.

The late delivery penalty clause shall apply only to the NMDOT. Not to other ordering agencies, therefore the NMDOT shall have first priority in ordering and installation of all units. Delivery clock shall start when chassis are delivered to dump body installer.

Dump body and hydraulic systems to be installed within the state of New Mexico.

All welding shall be performed by certified welders. Disconnect battery cables and computer wiring harnesses as required by truck manufacturer.

Hoist and dump body shall be compatible and supplied by the same manufacturer.

Provide a complete wiring schematic for dump body.

Provide current literature of applicable model with bid.

All items and equipment listed as standard in manufacturer's Literature shall be provided.

Successful vendor shall be an authorized dealer and be a physically established dealership with parts and service facilities in New Mexico.

Successful vendor shall provide eight (8) hours training on the safety, technical, maintenance, service/trouble shooting and proper operational procedures on the hydraulics system to each ordering district by factory or factory trained personnel. Training shall consist of classroom and hands-on operation. Place and time shall be mutually agreed on by vendor and district equipment manager. Training shall be completed within thirty (30) days from date of delivery.

Provide one (1) master manual to include one (1) parts manual and one (1) service and troubleshooting manual with each unit delivered in a binder format.

Dealer preparation, conditioning and full service is required prior to delivery.

Deliver fob to dealer's place of business within the state of New Mexico.

In the event of a product cost increase an escalation request will be reviewed by this office on an individual basis. Please be aware this measure is not intended to allow any increase in profit margin, only to compensate for an actual cost increase. Price decreases as well as increases shall apply. If vendor's prices are reduced for any reason, users shall receive the benefit of such reductions. Price increases will not be retroactive to orders already in house or backorders. Orders will be filled at the price in effect on the date of receipt of the order by the vendor.

Method of award

To the lowest responsible bidder meeting or exceeding specifications, terms and conditions. The state reserves the right to award to multiple vendors, which ever, in his/her judgment, best serves the interest of the state of New Mexico.

Minimum warranty of twenty-four (24) months (bumper to bumper) is required on all parts, components and labor. Additional warranty and other requirements are included in the attached supplemental terms and conditions (miscellaneous equipment). Warranty shall apply from the date the equipment is accepted and approved by the user.

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Price Agreement #: 40-805-13-10348

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agency to meet all specifications as set forth. The bidder assumes responsibility for effecting repair and/or replacement of all items under warranty.

New Mexico Department of Transportation minimum specifications

Five (5) to six (6) and ten (10) to twelve (12) cubic yard dump bodies with central hydraulic system new current production models

001

Five (5) to six (6) cubic yard dump bodies with central hydraulic system new current production models

Scope:

This specification describes a five (5) to six (6) cubic yard dump body and central hydraulics system to be installed on New Mexico department of transportation (NMDOT) cab & chassis trucks with eighty four inch cab to axle, front frame extension and "Allison" (3000rds).

Dump Body

Body:

Ten-foot contractor-type, not to exceed eight feet-six inches in width. Five (5) to six (6) cubic yard struck capacity. Inside body width not to be less than eighty-six inches. Continuous welding on entire box and tailgate.

Serial number:

Serial number shall be cut from eight inch plate, inch and a half numbers/letters and welded on front of body under cab shield from the body manufacture.

Sides:

Single piece (no splicing) eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with one (1) horizontal formed "V" brace on each side and full length dirt shedding lower rails. Dirt shedding boxed top rail with provisions for spillage boards.

Spillage boards:

Six-inch x two-inch x three-sixteenths. C-channel tapered to the rear of body. Welded to mounting plates and skip welded to boxed top rail on the inside of the body.

Chock block holders:

Unit shall have chock block holders.

Rear corner posts:

Dirt shedding full depth rear corner posts constructed from three-sixteenths inch thick hi-tensile steel. Provisions for two (2) oval lights on each corner post. Completely sealed corner post bottom openings with steel plates and single hole for light wiring. One-inch threaded pipe couplers completely welded around wire access hole. One-inch liquid-tite split loom fitting to protect and secure all rear corner post lighting wiring. Full width rear bolster constructed from three sixteenths-inch thick hi-tensile steel and welded to corner posts. Provisions for three (3) round marker lamps.

Front:

Single piece (no splicing) eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with one (1) inverted horizontal formed "V" brace. Three (3) shovel holders constructed from two-inch x two-inch x twelve inches square tubing installed between cab and front of dump body.

Front corner posts:

Single piece radius (no splicing) ten (10) gauge high tensile steel.

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Price Agreement #: 40-805-13-10348

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Floor:

Single piece (no splicing) one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel with one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel or approved equal. Floor-to-side radius, continuously welded.

Tailgate:

Eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with six (6) dirt shedding boxed panels. Double-acting top and bottom. Twelve-inch x twelve-inch coal door mounted in lower center of tailgate. Corner post upper tailgate hinges shall be dual half-inch thick hi-tensile steel plates. Tailgate hinge plates shall be one and one quarter inch thick flame cut hi-tensile steel plate. Upper hinge pins shall be one and one-quarter inch diameter hardened steel roll pins with grease zerts and secured with chains to corner post. Lower hooks shall be flame cut steel or cast steel with one and one-quarter inch diameter hardened steel roll pins. Three eights-inch grade forty three (43) tailgate chains enclosed in a nylon mesh sleeve. To secure and allow adjustment of tailgate in both hinged positions. Dual three eights-inch thick steel banjo eyes welded on each side of corner posts (adjustment openings in corner posts not acceptable). Provisions for hanging tail gate chains. Two (2), one-inch cold roll handles welded on each lower tailgate boxed brace side. Heavy-duty pull/push activated air controlled valve tailgate latch assembly "buyers" (bav020) (electric actuated valve not acceptable) mounted on center console. Three and one half-inch x eight-inch air tailgate cylinder. Hinged lifting eye constructed from three-quarter inch diameter cold roll welded to center of tailgate.

Cab shield:

Eight (8) gauge hi-tensile steel, single piece construction full body width vertical shield with horizontal full width (no exhaust cut out) cab guard to extend a minimum of twenty-four inches towards the cab. Entire shield shall have rolled upright edges to prevent material spillage on cab and windshield. Provide additional reinforcements on cab shield installation with four (4), one quarter-inch x two-inch x two-inch structural angle. Bolt on. Cab shield shall have marker lights as per federal motor vehicle safety standards.

Tarp cover:

Ground operated spring loaded flip tarp cover for hot/cold aggregates with side arms, tie-down straps, weld on hooks and rear rope looping bracket "pull tarp" (19 state-5ey) system or prior approved equal mounted to cab shield above spillage boards.

Spreader tie downs:

Four (4)-four inch weld-on ratchet winch for four inch x ten foot heavy-duty nylon straps with flat metal hooks. Mounted on dirt shedding lower rails (street side). One (1) winch handle.

Understructure:

Western style (cross member less) 250 bhn (110,000 psi tensile/100,000 psi yield) trapezoid long sills continuously welded to body. Dump body serial number shall be welded on long sill.

Access ladder:

Pull out dump body access ladder on curbside rear corner post. This ladder shall be pull out and telescopic design as to stow and secure when not in use. Height of lowest rung in the lowered position shall not exceed eighteen inches from the ground. Provide grab handles constructed from one-inch diameter smooth round stock and non-skid ladder rungs. Three sixteenths-inch thick diamond tread steel plate step welded to lower sloping rub rail. Edges and corners of ladder shall be rounded and smoothed.

Hoist/sub-frame:

Double acting, N.T.E.A. class fifty (50) hydraulic hoist and sub-frame assembly. Sixteen (16) ton minimum capacity. Chrome plated cylinder rod. All pivot points shall include replaceable wear bushings. Dual body safety props. Entire hoist/sub-frame assembly shall be a removable design with nuts/bolts no welding of sub-frame to truck frame or buck plate. Install sub-frame to truck frame with four-(4) three eighths-inch thick shear plates. Bolt-mount to truck frame with three (3)-five eighths inch grade eight (8) flange head bolts per plate. Half-inch thick x four-inch x seven-inch structural

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angle rear sub-frame mounting bracket. Weld shear plates continuous to sub-frame, all holes shall be drilled. Fifty (50) degree dump angle.

Acceptable Hoist Models

"GALION" (U-850-C-DA)

"CRYSTEEL" (RC 7050)

"HEIL" (1821 DA)

Wiring/Safety Lighting Requirements

Looms/brackets/installation:

All wiring shall be properly sized and fitted to each application. Any wiring that requires splicing shall be heat shrink-wrapped. Led light bar shall be wired with a two (2) wire insulated cable that is enclosed in the trapezoid long sill. Half-inch galvanized pipe conduit shall be utilized to enclose led light bar wiring from front trapezoid long sill to cab shield. Each end of conduit shall be sealed with half-inch pipe conduit to pipe thread coupling fitting and half-inch liquid-tite split loom fitting. Rear led strobe lights, corner post taillights, and air tailgate air line shall be enclosed in black plastic split looms and secured with metal/rubber insert clamps. Installer is responsible for ensuring that all wiring is done in accordance with truck OEM guidelines pertaining to unauthorized splicing/cutting and utilizing OEM weather-pac connectors. No cutting or splicing shall be performed on chassis factory wiring without prior authorization from truck OEM and NMDOT.

Salt spreader junction box:

Weather tight enclosed junction box for all salt spreader lighting functions wired as per NMDOT schematic mounted behind the cab. Seven (7) wire insulated cable shall be utilized from junction box to rear seven (7) way salt spreader plug. Secured with metal/rubber insert brackets inside frame rail.

Truck lighting junction box:

Weather tight enclosed junction box for all truck lighting functions mounted behind the cab along salt spreader junction box. Two (2) wire insulated cable shall be utilized from junction box to rear led strobes. Secured with metal/rubber insert brackets inside frame rail.

Seven (7) way plugs:

Drill two (2) holes on buck plate for two (2) electrical sockets. Wire/install one (1) seven (7) way for trailer towing. Wire/install one (1) standard seven (7) way for spreader lighting functions as per NMDOT schematic. Plug functions shall be stamped on buck plate and letters shall be painted white.

Jumper cables:

Twenty foot heavy-duty jumper cables with heavy-duty, color coded terminal clamp ends.

Rear strobes:

Two (2) LED flashing light (amber/blue) system with two (2) self-contained potted solid state oval or rectangular led flashing lights with rubber grommets. Ecco Model (3760A/B) or approved equal. High impact, break resistant amber and blue polycarbonate lens. Wire strobes to a continuous power circuit.

Rear lighting:

Two (2) oval (run-stop-turn) LED lights "Truck-Lite" (60085r) or equal in lower oval light provisions with rubber grommets. Two (2) recessed red clearance led lights at each rear side corner post run-stop-turn-backup lights mounted on each side of buck plate. Three (3) recessed red clearance LED lights on rear bolster.

Led beacons:

Two (2) Eighteen inch LED light, Reflex Model (5585cab) or approved equal. Amber front red rear, permanent mounted on each end of cab shield wired and fused to 12 volt system. Lights shall be visible from rear above tarp system.

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Snow plow lights/brackets:

High intensity combination hi/low beam halogen headlamps/markers/directional lights mounted to heavy-duty one-quarter inch thick x four-inch metal strap brackets mounted to front hood. Bottom of light assembly shall be level with top of tilting hood. Wire snow plow light- directional-marker assembly directly to OEM truck snow plow switch or double throw six (6) pole switch. Wire marker and directional lamps to OEM truck switch. Install wiring in black plastic split looms. Prime and paint brackets with rust resistant black. Utilize truck oem weather-pac connectors (no splicing or cutting).

Fog lights:

Dual fog lights Model (520 Ion Crystal) PIAA or approved equal. OEM weather-pac connectors (no splicing or cutting). Mounting shall be determined by user.

Reflectors:

Install amber reflectors on each side at front of body and red reflectors on each side at rear of body. These reflectors shall be heavy-duty bolt-on type replaceable lens "Truck Lite" (t1-98006y amber) (t1-98006r red) or prior approved equal. Pop-in reflectors not acceptable.

Conspicuity tape:

Two-inch wide diamond grade conspicuity sheeting red/white or approved equal on dump body. This sheeting shall extend the entire length of the dump body below the sloping rub rails on each side. Install conspicuity sheeting on tailgate as per dot requirements.

Stay back 50 feet decal:

Nineteen inches wide x eighteen inches in length reflective self-adhesive white sheeting decal with reflective red lettering "stay back 50 feet". First line: "stay back" three-inch text. Second line: "50" seven-inch text. Third line: "feet" four-inch text. Install at rear on tailgate.

Backup alarm:

Single sound level, one hundred twelve (112) decibels, twelve-volt, electrical backup alarm "Preco" (380) or prior approved equal to be installed at rear on sub-frame. Install wiring in black plastic split looms.

Splash guards:

Heavy-duty poly splash guards ahead and behind of rear axle. Twenty-four inches x thirty-six inches solid black. (no dealer or installer advertisement). Front splash guards shall be mounted in metal support brackets that are mounted to a heavy-duty metal bracket welded and braced to sub-frame to provide a stiff horizontal support. Rear splash guards shall be mounted to rear sub-frame/hoist mounting bracket with a three-inch x three and one half-inch x three sixteenths inch thick formed angle that has an integral provision for mounting rear truck lights. Rear splash guards shall have "stay back 50 feet" white embossed lettering, "stay back"-three inch text, "50"- seven-inch text and "feet"-four-inch text. One and one half inch galvanized flat straps and four (4) bolts to secure splash guards to mounting bracket.

Tool box:

Twenty-four inch x eighteen-inch underbody tool box with "t" twist handle latch (paddle handle not acceptable), lock and key. Mount to frame behind cab with three-sixteenths inch thick formed gusset style mounting brackets. Bolt mount to frame and tool box for removal or replacement. Prime and paint tool box/mounting brackets black.

Buck plate:

Buck plate constructed from three-quarter inch thick steel plate continuously welded to rear truck frame with three quarter-inch thick gussets. Buck plate shall be truck frame full width and have nineteen inches clearance from the bottom to ground level. Lower corners to be tapered. Topside of buck plate shall have a recessed section that is integral to the plate, ten-inches wide and four-inches deep. This section shall be used for installation of air brake glad hands and spreader hydraulic bulk head fittings. Drill two (2)-half inch holes and one (1)-one-inch hole through mounting plate for installation of spreader line bulkhead fittings.

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Glad hands:

Bulkhead mounted glad hands for parking/emergency and service brake (color-coded) in recessed area on buck plate. Glad hand covers attached to buck plate with chains.

Auxiliary glad hand/air hose:

Provide an auxiliary emergency glad hand with twenty-five feet of three eighths inch air hose and quick connect/disconnect fitting and blow gun.

Hitch:

Twenty-five (25) ton swivel, pintle-type hitch with replaceable neoprene bushings (spring mount not acceptable) "Premier" (235) or prior approved equal. Pintle hitch height to be determined by ordering agency. One (1) "premier" (10) safety chain ring below the pintle hitch. Buck plate shall be adequately reinforced to truck frame to maintain pintle hitch capacity. Prime and paint buck plate and ring black.

Front bumper:

Heavy-duty twelve (12) inch channel bumper constructed from five sixteenths-inch thick formed "C" channel. Ends of bumper to have integral bends to the contour of the chassis hood and cut outs for tow hooks. All edges and corners shall be rounded and smoothed for safety. Bumper shall be mounted to frame with half-inch x ten-inch steel plates continuously welded on each side to include one-quarter inch thick horizontal gussets welded to bumper and mounting bracket. Bolt-mount with four (4) each per side, five eighths-inch grade eight (8) flange head bolts. User to specify bumper clearance from grill. Prime bumper and paint black. Install license plate to front bumper.

Central Hydraulics System

Pump:

The main hydraulic pump shall be an axial piston, pressure and flow compensated load sensing type. The pump shall be cast iron construction and have a 4.67 cubic inch displacement at maximum stroke. Mounting shall be SAE-type "C" two (2) bolt mount and driven by one and one quarter inch round keyed shaft. The inlet of the pump shall be supplied with a two-inch suction and a non-restrictive full flow elbow fitting. A one-inch high pressure full flow ball valve shall be installed on the pressure outlet port of the pump for emergency shutdown. The ball valve shall be secured in the open position for normal operation. Pump shall be rated for four thousand (4000) psi and three thousand (3000) rpm continuous duty. Pump shall be "Force America" (fasd-341) or prior approved equal.

Pump mounting bracket:

Constructed from half-inch thick steel and gussets welded to front bumper mounting brackets. Bracket and pump shall be mounted with drive line in phase to engine crank shaft PTO provision ensuring that offsetting angles do not to exceed five (5) degrees in either direction to prevent drive line vibration.

Pump drive line:

Pump shall be driven directly from the engine crank shaft PTO provision through a splined drive line. The pump end of the drive line shall have a companion flange with flange yoke or u-bolt style end yoke to allow the driveline to be unbolted from either the pump or crankshaft end. Drive line shall be "Spicer" (1310) series u-joints or equal. Length of drive line shall be determined at time of ordering. key-type slip yokes and shaft assemblies with set screws are not acceptable.

Valve bank/reservoir/enclosure:

Valve, reservoir, and return filter components to be under one rubber latched cover. The removable cover allows for easy maintenance while insuring the longevity of the system components. The system shall include a thirty-five (35) gallon integral reservoir, gasket less passive seal design for the cover, tri-point tank mounting, swing out valve mounting plate with O-ring to jic valve adapters for easy service of hoses, externally mounted fluid level/temp indicator, filler breather cap, 12 volt oil level/temp sending unit, removable inlet strainer, easy to service built in tank cartridge type return filter, and integral rear exiting hose guard to protect all hoses from damage. Unit to be mounted directly to frame with out the

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use of spacers and allow lid removal when dump body is down. The valve/tank assembly to be "Force America" (vt35) or approved equal. The valve bank shall be stack-type load sensing type mounted in the valve/tank assembly. The valve assembly shall consist of a forty (40) GPM rated air operated hoist section, a mid-inlet with gauge port and 0-3000 psi gauge, and appropriate sections for the plow and sander functions. The plow functions shall be air operated and rated to twenty-five (25) GPM. An electric proportional cartridge valve block shall be provided to control the material spreader functions. The spreader valves must be incorporated in the valve stack assembly. Separate remote spreader valves are not acceptable. The valve bank shall be "Force America" add-a-stack system.

Control Valve Arrangement

First section:

Shall be air operated double acting, spring centered to operate hoist. Forty (40) GPM and have a two hundred (200) psi down relief to protect cylinder head (SAE #16 ports). Pull to raise/push to lower.

Mid-inlet section:

Load sensing mid-inlet with 0-3000 psi gauge installed (SAE #16 x 20 ports).

Second section:

Valve section shall be a mono-block design with two (2) pressure compensated, pulse width modulated cartridges that are a single piece design with hardened cartridge bores and spools, capable of flows up to fourteen (14) GPM for auger and seven (7) GPM for spinner. The cartridges shall have a heavy duty seven-sixteenths-20 unf screw style manual over-ride that is adjustable from zero flow to full flow. The valve housing shall be constructed from aluminum with a gray anodizing for durability and resistance to corrosion. Valve section to be Force America (spin-a-veyor) valve or prior approved equal.

Third section:

Twenty-five (25) GPM four-way for plow reverse (SAE #10 ports)

Fourth section:

Twenty-five (25) GPM three-way with float function for plow raise and lower (SAE #10 ports). Pull to raise/push to lower.

High pressure filter:

High pressure, ten (10) micron filter rated at system pressure to be installed between pump outlet and control valve inlet. The filter shall be located in a location specified by the NMDOT to facilitate easy changing of the element. The filter shall have a visual and electric restriction indicator, and a seventy-three (73) psi bypass valve. High pressure filter shall be "Internormen" (hp17125vg30epug5s2ac7050p) or prior approved equal.

Control center:

The main control console shall control all hydraulic functions, including the manual granular control and auxiliary lighting. Control levers shall be dual axis for plow raise, lower, and rotate. Dump body control shall have a center safety lock. Plow and dump body controls shall be pneumatic feathering type controls and have lighted knobs identifying function and operation of plow and dump body. Four (4) solid state warning lights illuminated in red for low oil, hot oil, filter bypass and body up shall be visible on console. Buzzers shall also be incorporated for low oil and hot oil warnings. One (1) side of console shall have a hinged lid to facilitate maintenance of the console components. The electronic spreader control shall be designed for precise manual control of material application. The manual granular control shall have a backlit panel with push to blast and push to pass features without interrupting the power. Blast timing shall be changeable by switch settings internally in the control. Speedo interrupt shall be installed without unit modification. Manual liquid application flow control with liquid on/off and ground speed interrupt. Liquid application shall be wired to seven (7) way spreader plug. Unit must be protected from reverse polarity and over voltage. The console shall include five (5) rocker switches, each individually fused. Switch nomenclature shall be changeable and to be specified as required by the NMDOT. The console shall be pre-wired and air lines pre-plumbed with color coded wiring and air lines. Lengths of

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wires and air hoses to be determined by the installer at the time of order. The console and spreader control shall have a dash key disconnect feature as to prevent unit from being left on when truck is not in use. All external electric connections shall be packed with Dielectric grease. All wiring shall be protected with plastic split looms. The console shall be bolted to the cab floor with a bottom reinforcing plate and all holes drilled through the cab for air lines and wiring shall have rubber grommets and be completely insulated and sealed. The air and electric material/lighting control console shall be "Force America" (fdac7 with ssc5100ex) spreader/liquid control) or prior approved equal.

Plumbing Requirements

General:

Hydraulic hoses and tubing shall be installed in a manner as to not allow rubbing or contact with moving truck components. "Behringer" (973)-948-0226 hydraulic tubing/hose supporting system shall be utilized to clamp and support hoses with flat strap mounting brackets. Plastic tie downs for grouping lines not acceptable.

Hydraulic oil and filtration:

"Dexron" (ATF) hydraulic oil. Oil shall be filtered through an external filtering system to prevent system contamination prior to filling reservoir.

Hose pressure rating:

All high pressure hoses shall be rated to three thousand (3,000) psi working pressure and twelve thousand (12,000) psi burst pressure with swivel fittings on both ends.

Fittings:

All fittings, elbows and clamps shall be high pressure hydraulic-type fittings.

Jumper hoses:

High pressure hydraulic hose shall be utilized in short jumper hose applications not to exceed twenty-four inches. Hydraulic-type swivel fittings on both ends.

Paint:

Prime and paint hydraulic tubing and brackets black.

Hoses/Lines

Air lines:

Air lines for function controls shall be dot approved lines.

Suction hose:

Hydraulic suction hose from tank to pump shall be two-inch 100r4 suction hose with hydraulic-type pressed swivel fitting at tank end. Split flange-type with two (2) heavy-duty "t" type hose clamps at pump end. Install inside frame rail with metal/rubber insert clamps not to exceed three-foot spacing.

Main control valve line:

Hydraulic hose from pump to main control valve shall be one-inch high pressure hose with hydraulic-type swivel fittings on both ends.

Control drain:

Control drain line from pump to reservoir shall be three eighths -inch high pressure hose. Plumed to reservoir by its own port to allow for no back pressure with hydraulic-type swivel fittings on both ends.

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Hoist hose:

Hydraulic hoses to the hoist shall be three quarter inch high pressure hose with hydraulic-type swivel fittings on both ends.

Plow lines:

Hydraulic lines to the plow functions shall be half-inch hydraulic tubing with swivel fittings on each end. Jumper hoses shall terminate at front of truck with bracket mounted high pressure bulkhead fittings behind bumper and half-inch high pressure quick disconnects "Aeroquip" (5600) series and dust covers. Install tubing between truck frame rails with "Behringer" system not to exceed three-foot spacing.

Spreader lines:

Hydraulic line from valve to spinner shall be half-inch hydraulic tubing. Hydraulic line from valve to conveyer shall be half-inch hydraulic tubing. Spinner and conveyer shall utilize one (1)-one inch hydraulic return tubing that is plumbed through the hydraulic filter. Install tubing between hoist/sub-frame rails with "Behringer" system not to exceed three-foot spacing. Jumper hoses shall terminate at rear of truck with high pressure bulkhead fittings through buck plate. High pressure quick disconnects fittings "Aeroquip" (5600) series. Return fitting (56021616-16) spinner fitting (5602810) auger fitting (5601810) dust covers for fittings. Stamp each spreader functions by respective fitting on buck plate and paint letters white.

Return hose:

Hydraulic hose from the valve to the tank shall be one and one quarter inch 100r1 return hose. Hydraulic-type pressed swivel fittings on both ends. (clamps not acceptable).

Quality control:

Dump body and hydraulics installer shall be responsible to ensure the highest quality of workmanship. Unit shall be inspected and tested by installer for performance to reduce or eliminate call backs. Installer shall clean cab of any debris left behind during install.

Inspection:

Dump body and hydraulics installer shall complete one (1) unit and notify equipment purchasing manager for inspection of work. Once inspection has been completed and both parties mutually agree, all remaining units must be completed in the same manner. Any deficiencies noted shall prolong the delivery and acceptance of unit(s).

Paint:

Prime and paint with industrial orange paint. Orange paint shall match truck paint. Prime and paint hoist and sub-frame black. All painting must be done in an approved paint booth by a reputable paint facility.

002

Ten (10) to twelve (12) cubic yard dump bodies with central hydraulic system New current production models

Scope:

This specification describes a ten (10) to twelve (12) cubic yard dump body and central hydraulics system to be installed on New Mexico department of transportation (NMDOT) cab & chassis trucks with one hundred twenty inch useable cab to axle and manual transmission.

Dump Body

Body:

Fourteen-foot contractor-type, not to exceed eight feet-six inches in width. Ten (10) to twelve (12) cubic yard struck capacity. Inside body width not to be less than eighty-six inches. Continuous welding on entire box and tailgate.

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Serial number:

Serial number shall be cut from eighth inch plate, inch and a half numbers/letters and welded on front of body under cab shield from the body manufacture.

Sides:

Single piece (no splicing) eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with one (1) horizontal formed "v" brace on each side and full length dirt shedding lower rails. Dirt shedding boxed top rail with provisions for eight-inch spillage boards.

Chock block holders:

Unit shall have chock block holders.

Rear corner posts:

Dirt shedding full depth rear corner posts constructed from three-sixteenths inch thick hi-tensile steel. Provisions for two (2) oval lights on each corner post. Completely sealed corner post bottom openings with steel plates and single hole for light wiring. One-inch threaded pipe couplers completely welded around wire access hole. One-inch liquid-tite split loom fitting to protect and secure all rear corner post lighting wiring. Full width rear bolster constructed from three sixteenths-inch thick hi-tensile steel and welded to corner posts. Provisions for three (3) round marker lamps.

Front:

Single piece (no splicing) eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with two (2) inverted horizontal formed "V" braces. Three (3) shovel holders constructed from two-inch x two-inch x twelve inches square tubing installed between cab and front of dump body.

Front corner posts:

Single piece radius (no splicing) ten (10) gauge high tensile steel.

Floor:

Single piece (no splicing) one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel with one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel or approved equal. Floor-to-side radius, continuously welded.

Tailgate:

Eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with six (6) dirt shedding boxed panels. Double-acting top and bottom. Corner post upper tailgate hinges shall be dual half-inch thick hi-tensile steel plates. Tailgate hinge plates shall be one and one quarter inch thick flame cut hi-tensile steel plate. Upper hinge pins shall be one and one-quarter inch diameter hardened steel roll pins with grease zerts and secured with chains to corner post. Lower hooks shall be flame cut steel or cast steel with one and one-quarter inch diameter hardened steel roll pins. Three eights-inch grade forty-three (43) tailgate chains enclosed in a nylon mesh sleeve. To secure and allow adjustment of tailgate in both hinged positions. Dual three eights-inch thick steel banjo eyes welded on each side of corner posts (adjustment openings in corner posts not acceptable). Provisions for hanging tail gate chains. Two (2), one-inch cold roll handles welded on each lower tailgate boxed brace side. Heavy-duty pull/push activated air controlled valve tailgate latch assembly "buyers" (bav020) (electric actuated valve not acceptable) mounted on center console. Three and one half-inch x eight-inch air tailgate cylinder. Hinged lifting eye constructed from three-quarter inch diameter cold roll welded to center of tailgate.

Rear apron:

Bolt-on twelve-inch full width rear apron constructed from one quarter-inch thick hi-tensile steel.

Spillage boards:

Six-inch x two-inch x three-sixteenths, C-channel tapered to the rear of body. Welded to mounting plates and skip welded to boxed top rail on the inside of the body.

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Cab shield:

Eight (8) gauge hi-tensile steel, single piece construction full body width vertical shield with horizontal full width (no exhaust cut out) cab guard to extend a minimum of twenty-four inches towards the cab. Entire shield shall have rolled upright edges to prevent material spillage on cab and windshield. Provide additional reinforcements on cab shield installation with four (4), one quarter-inch x two-inch x two-inch structural angle. Bolt on. Cab shield shall have marker lights as per federal motor vehicle safety standards.

Tarp cover:

Ground operated spring loaded tarp cover for hot/cold aggregates with side arms, tie-down straps, weld on hooks and rear rope looping bracket "pull tarp" (n9 state-10cy) system or prior approved equal mounted to cab shield above spillage boards.

Spreader tie downs:

Four (4)-four inch weld-on ratchet winch for four inch x ten foot heavy-duty nylon straps with flat metal hooks. Mounted on dirt shedding lower rails (street side). One (1) winch handle.

Understructure:

Western style (cross member fess) 250 blm (110,000 psi tensile/100,000 psi yield) trapezoid long sills continuously welded to body. Dump body serial number shall be welded on long sill.

Access ladder:

Pull out dump body access ladder on curbside rear corner post. This ladder shall be pull out and telescopic design as to stow and secure when not in use. Height of lowest rung in the lowered position shall not exceed eighteen inches from the ground. Provide grab handles constructed from one-inch diameter smooth round stock and non-skid ladder rungs. Three sixteenths-inch thick diamond tread steel plate step welded to lower sloping rub rail. Edges and corners of ladder shall be rounded and smoothed.

Hoist/sub-frame:

Double acting, N.T.E.A. class eighty (80) hydraulic hoist and sub-frame assembly. Twenty-seven (27) ton minimum capacity. Chrome plated cylinder rods. All pivot points shall include replaceable wear bushings. Two (2) body safety props. Entire hoist/sub-frame assembly shall be a removable design with nuts/bolts no welding of sub-frame to truck frame or buck plate. Install sub-frame to truck frame with four- (4) half-inch thick shear plates. Bolt-mount to truck frame with three (3)-five eighths inch grade eight (8) flange head bolts per plate. Weld shear plates continuous to sub-frame, all holes shall be drilled. Fifty (50) degree dump angle.

Acceptable Hoist Models

"GALION" (U-8880-ADA)

"CRYSTEEL" (RC 690)

"HEIL" (2824HD DA)

Wiring/Safety Lighting Requirements

Looms/brackets/installation:

All wiring shall be properly sized and fitted to each application. Any wiring that requires splicing shall be heat shrink-wrapped. Led light bar shall be wired with a two (2) wire insulated cable that is enclosed in the trapezoid long sill. Half-inch galvanized pipe conduit shall be utilized to enclose led light bar wiring from front trapezoid long sill to cab shield. Each end of conduit shall be sealed with half-inch pipe conduit to pipe thread coupling fitting and half-inch liquid-tite split loom fitting. Rear led strobe lights, corner post taillights, and air tailgate air line shall be enclosed in black plastic split looms and secured with metal/rubber insert clamps. Installer is responsible for ensuring that all wiring is done in accordance with truck oem guidelines pertaining to unauthorized splicing/cutting and utilizing OEM weather-pac connectors. No cutting or splicing shall be performed on chassis factory wiring without prior authorization from truck OEM and NMDOT.

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Salt spreader junction box:

Weather tight enclosed junction box for all salt spreader lighting functions wired as per NMDOT schematic mounted behind the cab. Seven (7) wire insulated cable shall be utilized from junction box to rear seven (7) way salt spreader plug. Secured with metal/rubber insert brackets inside frame rail.

Truck lighting junction box:

Weather tight enclosed junction box for all truck lighting functions mounted behind the cab along salt spreader junction box. Two (2) wire insulated cable shall be utilized from junction box to rear led strobes. Secured with metal/rubber insert brackets inside frame rail.

Seven (7) way plugs:

Drill two (2) holes on buck plate for two (2) electrical sockets. Wire/install one (1) seven (7) way for trailer towing. Wire/install one (1) standard seven (7) way for spreader lighting functions. functions shall be stamped on buck plate and letters shall be painted white.

Jumper cables:

Twenty foot heavy-duty jumper cables with heavy-duty, color coded terminal clamp ends.

Rear strobes:

Two (2) LED flashing light (amber/blue) system with two (2) self-contained potted solid state oval or rectangular led flashing lights with rubber grommets. Ecco Model (3760A/B) or approved equal. High impact, break resistant amber and blue polycarbonate lens. Wire strobes to a continuous power circuit.

Rear lighting:

Two (2) oval (run-stop-turn) LED lights "Truck-Lite" (60085r) or equal in lower oval light provisions with rubber grommets. Two (2) recessed red clearanec led lights at each rear side corner post run-stop-turn-backup lights mounted on each side of buck plate. Three (3) recessed red clearance LED lights on rear bolster.

Led beacons:

Two (2) Eighteen inch LED light, Reflex Model (5585cab) or approved equal. Amber front red rear, permanent mounted on each end of cab shield wired and fused to 12 volt system. Lights shall be visible from rear above tarp system.

Snow plow lights/brackets:

High intensity combination hi/low beam halogen headlamps/markers/directional lights mounted to heavy-duty one-quarter inch thick x four-inch metal strap brackets mounted to front hood. Bottom of light assembly shall be level with top of tilting hood. Wire snow plow light- directional-marker assembly directly to OEM truck snow plow switch or double throw six (6) pole switch. Wire marker and directional lamps to OEM truck switch. Install wiring in black plastic split looms. Prime and paint brackets with rust resistant black. Utilize truck OEM weather-pac connectors (no splicing or cutting).

Fog lights:

Dual fog lights Model (520 Ion Crystal) PIAA or approved equal. OEM weather-pac connectors (no splicing or cutting). Mounting shall be determined by user.

Reflectors:

Install amber reflectors on each side at front of body and red reflectors on each side at rear of body. These reflectors shall be heavy-duty bolt-on type replaceable lens "truck lite" (tl-98006y amber) (tl-98006r red) or prior approved equal. Pop-in reflectors not acceptable.

Conspicuity tape:

Two-inch wide diamond grade conspicuity sheeting, red/white or approved equal on dump body. This sheeting shall extend the entire length of the dump body below the sloping rub rails on each side. Install conspicuity sheeting on tailgate as per dot requirements.

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Stay back 50 feet decal:

Nineteen inches wide x eighteen inches in length reflective self-adhesive white sheeting decal with reflective red lettering "stay back 50 feet". First line: "STAY BACK" three-inch text. Second line: "50" seven-inch text. Third line: "feet" four-inch text. Install at rear on tailgate.

Backup alarm:

Single sound level, one hundred twelve (112) decibels, twelve-volt, electrical backup alarm "Preco" (380) or prior approved equal to be installed at rear on sub-frame. Install wiring in black plastic split looms.

Splash guards:

Heavy-duty poly splash guards ahead and behind of rear axle. Twenty-four inches x thirty-six inches solid black, (no dealer or installer advertisement). Front splash guards shall be mounted in metal support brackets that are mounted to a heavy-duty metal bracket welded and braced to sub-frame to provide a stiff horizontal support. Rear splash guards shall be mounted to rear sub-frame/hoist mounting bracket with a three-inch x three and one half-inch x three sixteenths inch thick formed angle that has an integral provision for mounting rear truck lights. Rear splash guards shall have "stay back 50 feet" white embossed lettering. "stay back"-three inch text, "50"- seven-inch text and "feet"-four-inch text. One and one half inch galvanized flat straps and four (4) bolts to secure splash guards to mounting bracket.

Tool box:

Twenty-four inch x eighteen-inch underbody tool box with "t" twist handle latch (paddle handle not acceptable), lock and key. Mount to frame behind cab with three-sixteenths inch thick formed gusset style mounting brackets. Bolt mount to frame and tool box for removal or replacement. Prime and paint tool box/mounting brackets black.

Buck plate:

Buck plate constructed from three-quarter inch thick steel plate continuously welded to rear truck frame with three quarter-inch thick gussets. Buck plate shall be truck frame full width and have nineteen inches clearance from the bottom to ground level. Lower corners to be tapered. Topside of buck plate shall have a recessed section that is integral to the plate, ten-inches wide and four-inches deep. This section shall be used for installation of air brake glad hands and spreader hydraulic bulk head fittings. Drill two (2)-half inch holes and one (1)-one-inch hole through mounting plate for installation of spreader line bulkhead fittings.

Glad hands:

Bulkhead mounted glad hands for parking/emergency and service brake (color-coded) in recessed area on buck plate. Glad hand covers attached to buck plate with chains.

Auxiliary glad hand/air hose:

Provide an auxiliary emergency glad hand with twenty-five feet of three eighths inch air hose and quick connect/disconnect fitting and blow gun.

Hitch:

Twenty-five (25) ton swivel, pintle-type hitch with replaceable neoprene bushings (spring mount not acceptable) "Premier" (235) or prior approved equal. Pintle hitch height to be determined by ordering agency. One (1) "premier" (10) safety chain ring below the pintle hitch. Buck plate shall be adequately reinforced to truck frame to maintain pintle hitch capacity. Prime and paint buck plate and ring black.

Bumper:

Heavy-duty front bumper constructed from twelve-inch structural steel channel or formed "c" channel. Ends of bumper to have integral bends to the contour of the chassis hood and cut outs for tow hooks. All edges and corners shall be rounded and smoothed for safety. Bumper shall be mounted to frame with half-inch x ten-inch steel plates continuously welded on each side to include one-quarter inch thick horizontal gussets welded to bumper and mounting bracket. Bolt-mount with four (4) each per side, five eighths-inch grade eight (8) flange head bolts. User to specify bumper clearance from grill. Prime bumper and paint black. Install license plate to front bumper.

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Central Hydraulics System

Pump:

The main hydraulic pump shall be an axial piston, pressure and flow compensated load sensing type. The pump shall be cast iron construction and have a 4.67 cubic inch displacement at maximum stroke. Mounting shall be SAE-type "C" two (2) bolt mount and driven by one and one quarter inch round keyed shaft. The inlet of the pump shall be supplied with a two-inch suction and a non-restrictive full flow elbow fitting. A one-inch high pressure full flow ball valve shall be installed on the pressure outlet port of the pump for emergency shut down. The ball valve shall be secured in the open position for normal operation. Pump shall be rated for four thousand (4000) psi and three thousand (3000) rpm continuous duty. Pump shall be "Force America" (fasd341) or prior approved equal.

Pump mounting bracket:

Constructed from half-inch thick steel and gussets welded to front bumper mounting brackets. Bracket and pump shall be mounted with drive line in phase to engine crank shaft pto provision ensuring that offsetting angles do not to exceed five (5) degrees in either direction to prevent drive line vibration.

Pump drive line:

Pump shall be driven directly from the engine crank shaft PTO provision through a splined drive line. The pump end of the drive line shall have a companion flange with flange yoke or u-bolt style end yoke to allow the driveline to be unbolted from either the pump or the crankshaft end. Drive line shall be "Spicer" (1310) series u-joints or equal. Length of drive line shall be determined at time of ordering. Key-type slip yokes and shaft assemblies with set screws are not acceptable.

Valve bank/reservoir/enclosure:

Valve, reservoir, and return filter components to be under one rubber latched cover. The removable cover allows for easy maintenance while insuring the longevity of the system components. The system shall include a thirty-five (35) gallon integral reservoir, gasket less passive seal design for the cover, tri-point tank mounting, swing out valve mounting plate with o-ring to jic valve adapters for easy service of hoses, externally mounted fluid level/temp indicator, filler breather cap, 12 volt oil level/temp sending unit, removable inlet strainer, easy to service built in tank cartridge type return filter, and integral rear exiting hose guard to protect all hoses from damage. Unit to be mounted directly to frame with out the use of spacers and allow lid removal when dump body is down. The valve/tank assembly to be "Force America" (vt35) or approved equal. The valve bank shall be stack-type load sensing type mounted in the valve/tank assembly. The valve assembly shall consist of a forty (40) GPM rated air operated hoist section, a mid-inlet with gauge port and 0-3000 psi gauge, and appropriate sections for the plow and sander functions. The plow functions shall be air operated and rated to twenty-five (25) GPM. An electric proportional cartridge valve block shall be provided to control the material spreader functions. The spreader valves must be incorporated in the valve stack assembly. Separate remote spreader valves are not acceptable. The valve bank shall be "Force America" add-a-stack system.

Control Valve Arrangement

First section:

Shall be air operated double acting, spring centered to operate hoist. Forty (40) GPM and have a two hundred (200) psi down relief to protect cylinder head (SAE #16 ports). Pull to raise/push to lower.

Mid-inlet section:

Load sensing mid-inlet with 0-3000 psi gauge installed (SAE #16 x 20 ports).

Second section:

Valve section shall be a mono-block design with two (2) pressure compensated, pulse width modulated cartridges that are a single piece design with hardened cartridge bores and spools, capable of flows up to fourteen (14) GPM for auger and seven (7) GPM for spinner. The cartridges shall have a heavy duty seven-sixteenths-20 unf screw style manual over-ride that is adjustable from zero flow to full flow. The valve housing shall be constructed from aluminum with a gray

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anodizing for durability and resistance to corrosion. Valve section to be Force America (spin-a-veyor) valve or prior approved equal.

Third section:

Twenty-five (25) GPM four-way for plow reverse (SAE #10 ports)

Fourth section:

Twenty-five (25) GPM three-way with float function for plow raise and lower (SAE #10 ports). Pull to raise/push to lower.

High pressure filter:

High pressure, ten (10) micron filter rated at system pressure to be installed between pump outlet and control valve inlet. The filter shall be located in a location specified by the NMDOT to facilitate easy changing of the element. The filter shall have a visual and electric restriction indicator, and a seventy-three (73) psi bypass valve. High pressure filter shall be "Internormen" (hp17125vg30cpug5s2ac7050p) or prior approved equal.

Control center:

The main control console shall control all hydraulic functions, including the manual granular control and auxiliary lighting. Control levers shall be dual axis for plow raise, lower, and rotate. Dump body control shall have a center safety lock. Plow and dump body controls shall be pneumatic feathering type controls and have lighted knobs identifying function and operation of plow and dump body. Four (4) solid state warning lights illuminated in red for low oil, hot oil, filter bypass and body up shall be visible on console. Buzzers shall also be incorporated for low oil and hot oil warnings. One (1) side of console shall have a hinged lid to facilitate maintenance of the console components. The electronic spreader control shall be designed for precise manual control of material application. The manual granular control shall have a backlit panel with push to blast and push to pass features without interrupting the power. Blast timing shall be changeable by switch settings internally in the control. Speedo interrupt shall be installed without unit modification. Manual liquid application flow control with liquid on/off and ground speed interrupt. Liquid application shall be wired to seven (7) way spreader plug. Unit must be protected from reverse polarity and over voltage. The console shall include five (5) rocker switches, each individually fused. Switch nomenclature shall be changeable and to be specified as required by the NMDOT. The console shall be pre-wired and air lines pre-plumbed with color coded wiring and air lines. Lengths of wires and air hoses to be determined by the installer at the time of order. The console and spreader control shall have a dash key disconnect feature as to prevent unit from being left on when truck is not in use. All external electric connections shall be packed with Dielectric grease. All wiring shall be protected with plastic split looms. The console shall be bolted to the cab floor with a bottom reinforcing plate and all holes drilled through the cab for air lines and wiring shall have rubber grommets and be completely insulated and sealed. The air and electric material/lighting control console shall be "Force America" (fdac7 with ssc5100ex) spreader/liquid control) or prior approved equal.

Plumbing Requirements

General:

Hydraulic hoses and tubing shall be installed in a manner as to not allow rubbing or contact with moving truck components. "Bchringer" (973)-948-0226 hydraulic tubing/hose supporting system shall be utilized to clamp and support hoses with flat strap mounting brackets. Plastic tie downs for grouping lines not acceptable.

Hydraulic oil and filtration:

"Dexron" (ATF) hydraulic oil. Oil shall be filtered through an external filtering system to prevent system contamination prior to filling reservoir.

Hose pressure rating:

All high pressure hoses shall be rated to three thousand (3,000) psi working pressure and twelve thousand (12,000) psi burst pressure with swivel fittings on both ends.

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Fittings:

All fittings, elbows and clamps shall be high pressure hydraulic-type fittings.

Jumper hoses:

High pressure hydraulic hose shall be utilized in short jumper hose applications not to exceed twenty-four inches.

Hydraulic-type swivel fittings on both ends.

Paint:

Prime and paint hydraulic tubing and brackets black.

Hoses/Lines

Air lines:

Air lines for function controls shall be dot approved lines.

Suction hose:

Hydraulic suction hose from tank to pump shall be two-inch 100r4 suction hose with hydraulic-type pressed swivel fitting at tank end. Split flange-type with two (2) heavy-duty "t" type hose clamps at pump end. Install inside frame rail with metal/rubber insert clamps not to exceed three-foot spacing.

Main control valve line:

Hydraulic hose from pump to main control valve shall be one-inch high pressure hose with hydraulic-type swivel fittings on both ends.

Control drain:

Control drain line from pump to reservoir shall be three eighths -inch high pressure hose. Plumed to reservoir by its own port to allow for no back pressure with hydraulic-type swivel fittings on both ends.

Hoist hose:

Hydraulic hoses to the hoist shall be three quarter inch high pressure hose with hydraulic-type swivel fittings on both ends.

Plow lines:

Hydraulic lines to the plow functions shall be half-inch hydraulic tubing with swivel fittings on each end. Jumper hoses shall terminate at front of truck with bracket mounted high pressure bulkhead fittings behind bumper and half-inch high pressure quick disconnects "Acroquip" (5600) series and dust covers. Install tubing between truck frame rails with "Behringer" system not to exceed three-foot spacing.

Spreader lines:

Hydraulic line from valve to spinner shall be half-inch hydraulic tubing. Hydraulic line from valve to conveyer shall be half-inch hydraulic tubing. Spinner and conveyer shall utilize one (1)-one inch hydraulic return tubing that is plumbed through the hydraulic filter. Install tubing between hoist/sub-frame rails with "Behringer" system not to exceed three-foot spacing. Jumper hoses shall terminate at rear of truck with high pressure bulkhead fittings through buck plate. High pressure quick disconnects fittings "Acroquip" (5600) series. Return fitting (56021616-16) spinner fitting (5602810) auger fitting (5601810) dust covers for fittings. Stamp each spreader functions by respective fitting on buck plate and paint letters white.

Return hose:

Hydraulic hose from the valve to the tank shall be one and one quarter inch 100r1 return hose. Hydraulic-type pressed swivel fittings on both ends. (clamps not acceptable).

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Inspection:

Dump body and hydraulics installer shall complete one (1) unit and notify equipment purchasing manager for inspection of work prior to painting. Once inspection has been completed and both parties mutually agree, all remaining units must be completed in the same manner.

Quality control:

Dump body and hydraulics installer shall be responsible to ensure the highest quality of workmanship. Unit shall be inspected and tested by installer for performance to reduce or eliminate call backs. Installer shall clean cab of any debris left behind during install.

Paint:

Prime and paint with industrial orange paint. Orange paint shall match truck paint. Prime and paint hoist and sub-frame black. All painting must be done in an approved paint booth by a reputable paint facility.

SUPPLEMENTAL TERMS AND CONDITIONS
(Miscellaneous Equipment)
[Rev. 4/01]

Intent of Specifications:

The specifications are intended to describe equipment for use by the ordering agency, which will operate efficiently and safely. The design specifications incorporated herein are intended to describe such unit, and to set forth minimal performance parameters required by the State of New Mexico. Any references herein to a particular make or model number are intended not to be restrictive but to set forth an acceptable level of quality and design. The State reserves the right to accept minor variances in product design and/or operation offered by bidders if such acceptance is determined to be in the best interest of the State.

Qualified Bidders:

Bids may be accepted from manufacturers and/or factory authorized dealers who are able and willing to provide responsive service to the ordering agency during the warranty period and the extended warranty period if required. Bidders must be in a position to offer the lowest cost/highest effectiveness, completely assembled units meeting or exceeding the minimum specifications contained herein.

When additional equipment (components) are required to complete a bid package which is not normally supplied by the bidder, such equipment shall be supplied by an authorized equipment supplier, but shall be the full responsibility of the bidder.

Inspection of Work:

Representatives of the State Purchasing Division or the ordering agencies shall have access, at any reasonable time, to the bidder's and manufacturer's facilities for the purposes of inspection during periods of manufacture or assembly of the items to be ordered hereunder. The costs associated with such inspection trips shall be borne by the State and/or ordering agency.

Late Delivery:

It is expressly understood and agreed that, as a result of the public interest, and because of the monetary losses which may be sustained by the State, as a result of failure to deliver the equipment described in the contract on time, that time is of the essence in the performance of this contract. It is agreed that damages resulting from late delivery can neither be accurately anticipated or calculated.

The following delivery terms and conditions apply to Miscellaneous Equipment described in specifications.

Above noted equipment shall be delivered within _____ working days of bidder's receipt of order. In the event of failure of the bidder to deliver in accordance with this requirement, the bidder shall be liable to the user agency and/or the State for late delivery penalties in the amount of \$ _____ per unit per day.

Documented strikes, national emergencies, or acts of God are the only justification for delay in delivery. Acts of God are defined as unusual, sudden, and unexpected manifestations of the forces of nature, the effect(s) of which could not have been prevented by reasonable human foresight, pains, and care.

At the option of the State Purchasing Director, the user agency may invoke the Default Provisions of this contract contained in the General Conditions and Instructions to Bidders in addition to any liquidated damages as outlined above.

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Motor Vehicle Regulations:

Unit(s) ordered shall be furnished with all equipment necessary to comply with all applicable rules and regulations of the New Mexico Department of Motor Vehicles and shall be in compliance with Safety Standards required by the Federal Motor Vehicle Safety Standards established by the National Traffic Safety Administration, and the Safety Standards required by OSHA and applicable ANSI standards and reference to the operation of such vehicles within the State of New Mexico.

Certificates, Manuals, And Warranties:

When units are delivered, the bidder shall deliver to the ordering agency (if applicable):

- a) Documents of Title,
- b) Certificates of Origin,
- c) Warranty and Guarantee Certificates,
- d) Certifications specified in the contract,
- e) Manuals specified in the contract.

Guarantees and Warranties:

Unit(s) furnished hereunder shall be fully warranted (bumper to bumper) on all parts and labor for a minimum of one (1) year, or as may otherwise be required under this specification. In the event that a factory standard warranty exceeds our stipulated warranty, the factory standard warranty shall prevail. No deductible shall apply during the warranty period.

Hydraulic components furnished hereunder shall be fully warranted on parts and labor for a minimum of two (2) years, or as may otherwise be required under this specification.

Hydraulic Components to Be Covered:

Hydraulic Pumps, Valves, Cylinders, Reservoirs and Controls.

It is understood that unit(s) offered in response to this request for bids will be of new design. In the event that unforeseen operational problems occur because of a new design, the manufacturer shall warrant that it will retrofit at no cost to the ordering agency, any improvements developed to correct problems of repeated or early failure in meeting acceptable performance standards for a period of one (1) year from date of delivery.

Servicing:

Unit(s) ordered under this contract shall be completely serviced and ready for operation upon delivery.

Warranty Repairs:

While unit(s) provided hereunder are under warranty, all repairs shall be completed within five (5) working days after receipt of unit(s). This period may be extended at the user's option and such extension shall be documented in writing. In the event of failure to perform repairs within five (5) working days and failure to receive approval for time extension, the bidder shall provide a like unit until repairs are completed. All repairs shall be performed at the bidder's place of business or other facility of his/her choice. Delivery of unit(s) for repair and all costs associated therewith shall be the user's responsibility.

Parts Availability:

All replacement parts/components required by the ordering agency for repairs of unit(s) shall be provided within five (5) working days during the warranty period. This period may only be extended at the user's option.

In the event of failure to provide parts/components within the stipulated time or receipt of user/owner concurrence for extending this time, the bidder shall provide the replacement parts/components at no cost to the user/owner.

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Training:

The bidder will be responsible for providing a minimum of four (4) hours of service and operator training or as may otherwise be required under this specification. Training session format(s), length(s), and location(s) will be mutually agreed to between the seller and purchaser.

Responsibility of Bidders:

It shall be the responsibility of the bidder to secure written quotations on price and delivery from manufacturers meeting the general specifications set forth herein. Only those manufacturers who can meet delivery dates, such as to permit delivery of completely assembled unit(s) to the ordering agency by specified delivery date, shall be considered by the bidder. The bidder may be required to provide the State with field test results and surveys, which will show conclusively:

- a) Maintenance and reliability experience of units in service for at least one (1) year,
- b) Other data on actual performance of equipment, which in the opinion of the bidder, will assist the State in selecting the most effective cost efficient unit offered by the bidder.

Payment or Acceptance Not Conclusive:

No payment made under this contract shall be conclusive evidence of the performance of the contract, either wholly or in part, and that no payment made for the delivery of the items in whole or in part shall be construed as an acceptance of defective work or improper materials, nor relieve the bidder from corrections of the defects. The final acceptance shall not be binding upon the ordering agency or the State, nor conclusive, should it subsequently develop the bidder had furnished inferior items or had departed from the specifications and/or the terms of the contract. Should such conditions become evident, the ordering agency shall have the right, notwithstanding final acceptance and payment, to cause the item(s) to be properly furnished in accordance with the specifications (and drawings, if any) at the cost and expense of the bidder.

Order of Preference:

In the event of conflict between the General Conditions and Instructions to Bidders and the Supplemental Terms and Conditions, the Supplemental Terms and Conditions shall prevail.

Any references herein to a particular make or model number, are intended not to be restrictive, but to set forth an acceptable level of quality and design.

Method of Award:

To the lowest responsible bidder meeting or exceeding specifications, terms and conditions.

Options:

All ordered options shall be installed. The ordering of options only is strictly prohibited!

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Item	Approx. Qty.	Unit	Article and Description	(AA)	(AB)
Options for 001				(AA)	(AB)
A)			Electronic spreader controls with modular switching integral console, "Force America" (sse-5100/dk-8000)	add	\$1,550.00
B)			Coal door	(delete-deduct)	\$100.00
C)			Three-sixteenths inch thick steel formed tapered spillage boards	add	\$350.00
D)			Rear apron	(delete-deduct)	\$75.00
E)			Snow plow lights	(delete-deduct)	\$75.00
F)			Fog lights	(delete-deduct)	\$30.00
G)			Automatic snow chain system	add	\$1,575.00
H)			Road watch	add	\$550.00
I)			Standard hydraulics in lieu of central hydraulics with hot shift PTO and dump air control	(deduct)	\$5,500.00
J)			Electric brake controller	add	\$450.00
K)			Heavy-duty weld on steps inside dump body to line up with access ladder	add	\$125.00
L)			Dump body to frame lock down assembly for snow removal operations	add	\$275.00
M)			Option for behind cab reservoir and frame mounted valve enclosure. Reservoir to be equipped with the following:	add	\$375.00
			basket type filler breather cap		
			¾" magnetic drain plug		
			2" NPT suction w/ 100-mesh screen type filter w/3 psi bypass		
			5" sight temperature gauge externally mounted		
			internal baffling		
			separate return port for case drain line		
			2" full flow brass ball valve		
			in-tank return line filter		

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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The hydraulic reservoir shall also be equipped with an electric temp/level sending unit to be wired to warning lights mounted in the control console. The valve assembly shall be mounted in weather-tight enclosure. The valve enclosure shall be fabricated of 10 and 12 gauge steel. Enclosure shall be designed to not allow humidity to be trapped inside. Valve shall be mounted with all ports coming out the bottom and holes allowing for hose adapter fittings. Enclosure will allow for air lines to enter the front. Valve will be "boxed in" with the cover and not the base. The cover shall be held to the enclosure by four heavy rubber latches. All plumbing shall be external, directly out the bottom of the valve enclosure.

			(AA)	(AC)
N) Electric flip tarp system	add		\$725.00	\$1,250.00
		Hoist make:	Crysteel	Galion
		Hoist model:	RC750	U850D
		Dump body make:	Crysteel	Galion
		Dump body model:	TIPPER101	430 U
		Base price per unit:	\$32,180.00	\$34,500.00

(I) Standard 10' 5/6 cu. yd. contractor dump body with 3/16" hi-ten floor STD. tail gate, 8/17 hoist with cab controls, tarp, back plate with pintle, tool box, painted single color. Delete-deduct \$17,000.00

Options for 002

A) Electronic spreader controls with modular switching integral console, "Force America" sse-51.00/dk-8000	add		N/A	\$1,550.00
B) Rear apron	(delete-deduct)		\$110.00	\$350.00
C) Chip spreader draw bar	add		\$490.00	\$275.00
D) Snow plow lights	(delete-deduct)		\$45.00	\$75.00
E) Fog lights	(delete-deduct)		\$26.00	\$30.00
F) Automatic snow chain system	add			\$1,575.00
G) Road watch	add		\$732.00	\$550.00
H) Standard hydraulics in lieu of central hydraulics with hot shift PTO and dump air control	(deduct)		\$5,810.00	\$5,500.00
I) Electric brake controller	add		\$412.00	\$450.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
				(AA) (AB)
J)			Heavy-duty weld on steps inside dump body to line up with access ladder	add \$205.00 \$125.00
K)			Dump body to frame lock down assembly for snow removal operations	add \$300.00 \$275.00
L)			Telescoping cylinder hoist in lieu of standard hoist with dump body angle limit switch and valve	add \$300.00
M)			Option for behind cab reservoir and frame mounted valve enclosure. Reservoir to be equipped with the following: basket type filler breather cap 3/4" magnetic drain plug 2" NPT suction w/ 100-mesh screen type filter w/3 psi bypass 5" sight temperature gauge externally mounted internal baffling separate return port for case drain line 2" full flow brass ball valve in-tank return line filter	add \$342.00 \$375.00

The hydraulic reservoir shall also be equipped with an electric temp/level sending unit to be wired to warning lights mounted in the control console. The valve assembly shall be mounted in weather-tight enclosure. The valve enclosure shall be fabricated of 10 and 12 gauge steel. Enclosure shall be designed to not allow humidity to be trapped inside. Valve shall be mounted with all ports coming out the bottom and holes allowing for hose adapter fittings. Enclosure will allow for air lines to enter the front. Valve will be "boxed in" with the cover and not the base. The cover shall be held to the enclosure by four heavy rubber latches. All plumbing shall be external, directly out the bottom of the valve enclosure.

Hoist make:	Crysteel	Galion
Hoist model:	RC690	U8880B
Dump body make:	Crysteel	Galion
Dump body model:	TIPPER141	530 U
Base price per unit:	\$35,425.00	\$37,950.00

*** 2 Items Total ***



State of New Mexico
General Services Department
Purchasing Division

Price Agreement Amendment

GSD/PD (Rev. 01/11)

14 AUG 20 11 45 AM '14

Awarded Vendor:
2 Vendors

Telephone No.:

Price Agreement Number: 40-805-13-10257

Price Agreement Amendment No.: One

Term: September 20, 2013-September 19, 2015

Ship To:
New Mexico Department of Transportation
1120 Cerrillos Road
Santa Fe, NM 87504

Invoice:
Same as Ship To

For questions regarding this Price Agreement please contact:
James Ortega 505-827-5135

Procurement Specialist: Eric Sanchez

Telephone No.: (505) 827-0554

Title: Snow Plow, Hopper Type Material Spreader 5 and 10 Yard Capacity

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Price Agreement provisions, and by mutual agreement of all parties, this Price Agreement is extended from September 20, 2014 to September 19, 2015 at the same price, terms and conditions.

The provisions of the Price Agreement shall remain in full force and effect, except as modified by this amendment.

Accepted for the State of New Mexico

New Mexico State Purchasing Agent

Date: 8/11/14



State of New Mexico
General Services Department

GSD/PD (Rev. 5/16/12)

12062700-42800

Price Agreement

<p>Awarded Vendor: 2 Vendors – See Page 7</p> <p>Telephone No.:</p>

Price Agreement Number: 40-805-13-10257

Payment Terms: Net 30

F.O.B.: Destination

Delivery: See Page 7

<p>Ship To: New Mexico Department of Transportation 1120 Cerrillos Road Santa Fe, NM 87504</p>

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

<p>Invoice: Same as Ship To</p>
--

For questions regarding this contract please contact:
James Ortega (505) 827-5135

Title: Snow Plow, Hopper Type Material Spreader 5 and 10 Yard Capacity

Term: September 20, 2013 thru September 19, 2014

This Price Agreement is made subject to the “terms and conditions” shown on the reverse side of this page, and as indicated in this Price Agreement.

Accepted for the State of New Mexico

Date: 9/17/2013

New Mexico State Purchasing Agent

Purchasing Division, 1100 St. Francis Drive, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

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Terms and Conditions
(Unless otherwise specified)

1. **General:** When the State Purchasing Agent or his/her designee issues a purchase document in response to the Vendor's bid, a binding contract is created.
2. **Variation in Quantity:** No variation in the quantity of any item called for by this order will be accepted unless such variation has been caused by conditions of loading, shipping, packing or allowances in manufacturing process and then only to the extent, if any, specified in this order.
3. **Assignment:**
 - a. Neither the order, nor any interest therein, nor any claim thereunder, shall be assigned or transferred by the Vendor, except as set forth in Subparagraph 3b or as expressly authorized in writing by the State Purchasing Agent or his/her designee. No such assignment or transfer shall relieve the Vendor from the obligations and liabilities under this order.
 - b. Vendor agrees that any and all claims for overcharge resulting from antitrust violations which are borne by the State as to goods, services, and materials purchased in connection with this bid are hereby assigned to the State.
4. **State Furnished Property:** State furnished property shall be returned to the State upon request in the same condition as received except for ordinary wear, tear and modifications ordered hereunder.
5. **Discounts:** Prompt payment discounts will not be considered in computing the low bid. Discounts for payment within twenty (20) days will be considered after the award of the contract. Discounted time will be computed from the date of receipt of the merchandise invoice, whichever is later.
6. **Inspection:** Final inspection and acceptance will be made at the destination. Supplies rejected at the destination for nonconformance with specifications shall be removed at the Vendor's risk and expense, promptly after notice of rejection.
7. **Inspection of Plant:** The State Purchasing Agent or his/her designee may inspect, at any reasonable time, the part of the Contractor's, or any subcontractor's plant or place of business, which is related to the performance of this contract.
8. **Commercial Warranty:** The Vendor agrees that the supplies or services furnished under this order shall be covered by the most favorable commercial warranties the Vendor gives for such to any customer for such supplies or services. The rights and remedies provided herein shall extend to the State and are in addition to and do not limit any rights afforded to the State by any other clause of this order. Vendor agrees not to disclaim warranties of fitness for a particular purpose of merchantability.
9. **Taxes:** The unit price shall exclude all state taxes.
10. **Packing, Shipping and Invoicing:**
 - a. The State's purchasing document number and the Vendor's name, user's name and location shall be shown on each packing and delivery ticket, package, bill of lading and other correspondence in connection with the shipments. The user's count will be accepted by the Vendor as final and conclusive on all shipments not accompanied by a packing ticket.
 - b. The Vendor's invoice shall be submitted duly certified and shall contain the following information: order number, description of supplies or services, quantities, unit price and extended totals. Separate invoices shall be rendered for each and every complete shipment.
 - c. Invoices must be submitted to the using agency and NOT the State Purchasing Agent.
11. **Default:** The State reserves the right to cancel all or any part of this order without cost to the State, if the Vendor fails to meet the provisions of this order and, except as otherwise provided herein, to hold the Vendor liable for any excess cost occasioned by the State due to the Vendor's default. The Vendor shall not be liable for any excess costs if failure to perform the order arises out of causes beyond the control and without the fault or negligence of the Vendor, such causes include but are not restricted to, acts of God or the public enemy, acts of the State or Federal Government,

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fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of subcontractors due to any of the above, unless the State shall determine that the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Vendor to meet the required delivery scheduled. The rights of the State provided in this paragraph shall not be exclusive and are in addition to any other rights now being provided by law or under this order.

12. Non-Collusion: In signing this bid the Vendor certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the State Purchasing Agent or his/her designee.

13. Nondiscrimination: Vendor doing business with the State of New Mexico must be in compliance with the Federal Civil Rights Act of 1964 and Title VII of the Act (Rev. 1979) and the Americans with Disabilities Act of 1990 (Public Law 101-336).

14. The Procurement Code: Sections 13-1-28 through 13-1-99 NMSA 1978, imposes civil and criminal penalties for its violation. In addition the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.

15. All bid items are to be NEW and of most current production, unless otherwise specified.

16. Payment for Purchases: Except as otherwise agreed to: late payment charges may be assessed against the user state agency in the amount and under the conditions set forth in Section 13-1-158 NMSA 1978.

17. Workers' Compensation: The Contractor agrees to comply with state laws and rules pertaining to Workers' Compensation benefits for its employees. If the Contractor fails to comply with Workers' Compensation Act and applicable rules when required to do so, this Agreement may be terminated by the contracting agency.

18. Bids must be submitted in a sealed envelope with the bid number and opening date clearly indicated on the bottom left hand side of the front of the envelope. Failure to label bid envelope will necessitate the premature opening of the bid in order to identify the bid number.

19. Contractor Personnel: Personnel proposed in the Contractor's written proposal to the Procuring Agency are considered material to any work performed under this Price Agreement. Once a Purchase Order or contract has been executed, no changes of personnel will be made by the Contractor without prior written consent of the Procuring Agency. Replacement of any Contractor personnel, if approved, shall be with personnel of equal ability, experience, and qualifications. The Contractor will be responsible for any expenses incurred in familiarizing the replacement personnel to insure their being productive to the project immediately upon receiving assignments. Approval of replacement personnel shall not be unreasonably withheld. The Procuring Agency shall retain the right to request the removal of any of the Contractor's personnel at any time.

20. Subcontracting: The Contractor shall not subcontract any portion of the Price Agreement without the prior written approval of the Procuring Agency. No such subcontracting shall relieve the Contractor from its obligations and liabilities under this Price Agreement, nor shall any subcontracting obligate payment from the Agency.

21. Records and Audit: The Contractor shall maintain detailed time and expenditure records that indicate the date, time, nature, and cost of services rendered during this Price Agreement's term and effect, and retain them for a period of three (3) years from the date of final payment under this Price Agreement. The records shall be subject to inspection by the Agency, State Purchasing Division, Department of Finance and Administration, and for Information Technology contracts, State Chief Information Officer. The Agency shall have the right to audit billings, both before and after payment. Payment for services under this Price Agreement shall not foreclose the right of the Agency to recover excessive or illegal payments.

22. The foregoing requirements for Contractor Personnel, Subcontracting, and Audit shall be inserted into all subcontracts from the prime contractor to the subcontractor.

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New Mexico Employees Health Coverage

A. If Contractor has, or grows to, six (6) or more employees who work, or who are expected to work, an average of at least 20 hours per week over a six (6) month period during the term of the contract, Contractor certifies, by signing this agreement, to have in place, and agrees to maintain for the term of the contract, health insurance for its New Mexico Employees and offer that health insurance to its New Mexico Employees if the expected annual value in the aggregate of any and all contracts between Contractor and the State exceeds \$250,000 dollars.

B. Contractor agrees to maintain a record of the number of its New Mexico Employees who have (a) accepted health insurance; (b) declined health insurance due to other health insurance coverage already in place; or (c) declined health insurance for other reasons. These records are subject to review and audit by a representative of the state.

C. Contractor agrees to advise all of its New Mexico Employees of the availability of State publicly financed health care coverage programs by providing each of its New Mexico Employees with, as a minimum, the following web site link to additional information: <http://insurenwnewmexico.state.nm.us/>.

D. For purposes of this Paragraph, the following terms have the following meanings:

- (1) "New Mexico Employee" means any resident of the State of New Mexico employed by Contractor who performs the majority of the employee's work for Contractor within the State of New Mexico, regardless of the location of Contractor's office or offices; and
- (2) "offer" means to make available, without unreasonable restriction, enrollment in one or more health coverage plans and to actively seek and encourage participation in order to achieve the goals of Executive Order 2007-049. This could include State publicly financed public health coverage programs such as *Insure New Mexico!*

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New Mexico Pay Equity Initiative

Contractor agrees, if it has ten (10) or more New Mexico employees OR eight (8) or more employees in the same job classification, at any time during the term of this contract, to complete and submit the PE10-249 form on the annual anniversary of the initial report submittal for contracts up to one (1) year in duration. If contractor has (250) or more employees, contractor must complete and submit the PE250 form on the annual anniversary of the initial report submittal for contracts that are up to one (1) year in duration. For contracts that extend beyond one (1) calendar year, or are extended beyond one (1) calendar year, contractor also agrees to complete and submit the PE10-249 or PE250 form, whichever is applicable, within thirty (30) days of the annual contract anniversary date of the initial submittal date or, if more than 180 days has elapsed since submittal of the last report, at the completion of the contract, whichever comes first. Should contractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor agrees to provide the required report within ninety (90) days of meeting or exceeding the size requirement. That submittal date shall serve as the basis for submittals required thereafter.

Contractor also agrees to levy this requirement on any subcontractor(s) performing more than 10% of the dollar value of this contract if said subcontractor(s) meets, or grows to meet, the stated employee size thresholds during the term of the contract. Contractor further agrees that, should one or more subcontractor not meet the size requirement for reporting at contract award but subsequently grows such that they meet or exceed the size requirement for reporting, contractor will submit the required report, for each such subcontractor, within ninety (90) days of that subcontractor meeting or exceeding the size requirement. Subsequent report submittals, on behalf of each such subcontractor, shall be due on the annual anniversary of the initial report submittal. Contractor shall submit the required form(s) to the State Purchasing Division of the General Services Department, and other departments as may be determined, on behalf of the applicable subcontractor(s) in accordance with the schedule contained in this paragraph. Contractor acknowledges that this subcontractor requirement applies even though contractor itself may not meet the size requirement for reporting and be required to report it self.

Two (2) copies of the Pay Equity Worksheet shall be submitted prior to Award by the prospective Awarded Vendor.

The PE10-249 and PE250 worksheet is available at the following website:
<http://www.generalservices.state.nm.us/statepurchasing/GuidesProcedures.aspx>

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Department Price Agreement

Article I – Statement of Work

Under the terms and conditions of this Price Agreement, the using agency may issue orders for items and/or services described herein.

The terms and conditions of this Price Agreement shall form a part of each order issued hereunder.

The items and/or services to be ordered shall be listed under Article IX – Price Schedule. All orders issued hereunder will bear both an order number and this Price Agreement number. It is understood that no guarantee or warranty is made or implied by either the New Mexico State Purchasing Agent or the user that any order for any definite quantity will be issued under this Price Agreement. The Contractor is required to accept the order and furnish the items and/or services in accordance with the articles contained hereunder for the quantity of each order issued.

Article II – Term

The term of this Price Agreement for issuance of orders shall be as indicated in specifications.

Article III – Specifications

Items and/or services furnished hereunder shall conform to the requirements of specifications and/or drawings applicable to items listed under Article IX - Price Schedule. Orders issued against this schedule will show the applicable price agreement item(s), number(s), and price(s); however they may not describe the item(s) fully.

Article IV – Shipping and Billing Instructions

Contractor shall ship in accordance with the instructions of this form. Shipment shall be made only against specific orders which the user may place with the contractor during the term indicated in Article II – Term. The Contractor shall enclose a packing list with each shipment listing the order number, price agreement number and the commercial parts number (if any) for each item. Delivery shall be made as indicated on page 1. If vendor is unable to meet stated delivery the State Purchasing Agent must be notified.

Article V - Termination

This Price Agreement may be terminated by either signing party upon written notice to the other at least thirty (30) days in advance of the date of termination. Notice of termination of the price agreement shall not affect any outstanding orders.

Article VI – Amendment

This Price Agreement may be amended by mutual agreement of the New Mexico State Purchasing Agent or his/her designee and the Contractor upon written notice by either party to the other. An amendment to this Price Agreement shall not affect any outstanding orders issued prior to the effective date of the amendment as mutually agreed upon, and as published by the New Mexico State Purchasing Agent or his/her designee. Amendments affecting price adjustments and/or the extension of a price agreement expiration date are not allowed unless specifically provided for in the bid and price agreement specifications.

Article VII – Issuance of Orders

Only written signed orders are valid under this Price Agreement.

Article VIII – Packing (if applicable)

Packing shall be in conformance with standard commercial practices.

Article IX – Price Schedule

Prices as listed in the price schedule hereto attached are firm.

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Awarded Vendors:

(AA)

0000094627

Construction Truck Equipment

10200 Trumbull SE

Albuquerque, NM 87123

(505) 292-8018

Delivery: As Required

(AB)

0000046837

MCT Industries, Inc.

7451 Pan American Freeway NE

Albuquerque, NM 87109

(505) 345-8651

Delivery: 90 Days ARO

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Establish a Price Agreement for the New Mexico Department of Transportation (NMDOT) for a snow plow, hopper type material spreader, five (5) to ten (10) yard capacity.

The term of this Price Agreement shall be for one (1) year from date of award with the option to extend for a period of three (3) additional years, on a year-to-year basis, by mutual agreement of all parties and approval of the New Mexico State Purchasing Agent at the same price, terms and conditions. This Price Agreement shall not exceed four (4) years.

In the event of a product cost increase an escalation request will be reviewed by this office on an individual basis. Please be aware this measure is not intended to allow any increase in profit margin, only to compensate for an actual cost increase. Price decreases as well as increases shall apply. If vendor's prices are reduced for any reason, users shall receive the benefit of such reductions. Price increases will not be retroactive to orders already in house or backorders. Orders will be filled at the price in effect on the date of receipt of the order by the vendor.

The late delivery penalty clause shall apply only to the NMDOT not to other ordering agencies; therefore the NMDOT shall have first priority in ordering and installation of all units.

Vendor shall provide current literature of applicable model with bid.

All items and equipment listed as standard in manufacturer's literature shall be provided.

Successful Vendor shall be an authorized dealer and be a physically established dealership with parts and service facilities in New Mexico.

Vendor shall provide all manuals relative to the unit with each unit delivered.

Dealer preparation, conditioning and full service is required prior to delivery.

Deliver FOB to dealer's place of business within the state of New Mexico.

Method of Award

Award will be issued to the lowest responsible bidder meeting or exceeding specifications, terms and conditions. The State reserves the right to award to multiple vendors per item, which ever, in his/her judgment, best serves the interest of the State of New Mexico.

Warranties

Minimum warranty of twenty-four (24) months (bumper to bumper) is required on all parts, components and labor. Additional warranty and other requirements are included in the attached supplemental terms and conditions (miscellaneous equipment). Warranty shall apply from the date the equipment is accepted and approved by the user agency to meet all specifications as set forth. The Vendor assumes responsibility for effecting repair and/or replacement of all items under warranty.

New Mexico Department of Transportation Minimum Specification

Acceptable manufactures: Swenson, Henke, Henderson, Monroe

Hopper Type Material Spreaders, Five (5) and Ten (10) Cubic Yard Capacity/Hydraulic Reverse Snow Plow New Current Production Model

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Item 001: Hopper Type Material Spreader, Five Cubic Yard Capacity New Current Production Model

Scope:

This specification describes a five (5) cubic yard struck capacity, heavy-duty slide-in v-box-type material spreader. Spreader shall be capable of hauling and spreading free flowing granular materials from a minimum width of four (4) feet to a maximum width of forty (40) feet. Consisting of a steel body, discharge/feed conveyor/spinner assembly.

Body:

Five (5) cubic yards struck capacity. The spreader hopper shall be constructed from seven (7) gauge hi-grade steel. The hopper body length shall be not less than ten (10) feet inside length with integral longitudinal overhung for supporting the spinner assembly. The hopper body width shall not exceed eighty-two (82) inches outside width (no exceptions). Hopper body side height shall not exceed forty-eight (48) inches above the mounting surface. Forty-five (45) degree side body slope with front slope to ensure free flow of material to conveyor. Heavy-duty lift hooks at each corner.

V-body tie down brackets:

Install four (4)-one quarter inch thick x three (3) inch wide x five (5) inch opening, tie down brackets for a four (4) inch metal flat hook and nylon strap at each side (front/rear).

Side supports:

Seven (7) gauge formed side supports that extend the full side slope height, spaced on approximately two (2) foot centers.

Cross members:

Three (3) inch structural channels welded (flat side up) to each side support.

Cross supports:

Minimum of two (2) internal cross supports.

Inverted "V" shield:

Heavy-duty, removable inverted "V" shield to protect conveyor.

Material deflector:

Bolt-on full body width front material deflector constructed from three-sixteenths (3/16) inch thick steel. Material deflector shall be twenty-four (24) inches deep and mounted at a forty-five (45) degree slope with five (5) structural angle supports. This deflector minimizes material spillage during loading operations between front of v-body and dump body cab shield.

V-body side rubber skirting:

Twenty-four (24) inch wide bolt-on full v-body length conveyor-type rubber skirting on right/left v-body sides mounted to a full length heavy-duty metal flat strap bracket. These skirts shall drape over dump body sides and minimize spillage during loading operations between v-body side and dump body side.

Material vibrator:

Bolt-on mounted manufacturer's standard material vibrator at front of body wired to junction box with jacketed cable and flexible loom complete with solid state vibrator interrupter that will disable the vibrator in one minute intervals.

"I"/"H" beam:

Six (6) inch "I" beam or "H" beam providing a longitudinal brace and hinge point for the top screens.

Top screens:

Manufacturer's standard heavy-duty welded rod square meshes design. Four (4) sections per side with non-freeze hinges.

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Feed gate and ruler:

Manufacturer's standard screw-type self-locking steel feed gate and ruler shall be provided at the rear of the hopper to allow for accurate discharge.

Conveyer system:

Manufacturer's standard heavy-duty twenty four (24) inch conveyer system, chain bar flight-type running longitudinally with the body feeding material to the feed gate opening. The conveyer chain shall be constructed from heat-treated steel, minimum of twenty-one thousand (21,000) pounds per strand, self-cleaning pintle-type. Cross bars welded on both the top and bottom to every chain link. Replaceable or formed chain shield shall cover the strands exposing only the drag bar to the material. Three-sixteenths (3/16) inch thick steel bolt-on replaceable conveyer floor (flat design). The conveyer shall have one (1) internal front wiper and one (1) external rear wiper.

Power drive:

The conveyer chain shall be driven through the worm drive gearbox by a low speed, high-torque "Orbital-Type" hydraulic motor. This motor shall be directly coupled to the gearbox and protected from the elements by a cast housing. The worm gear drive shaft shall have provision for a servo sensor, integral with the drive shaft.

Chain oiler:

One (1) gallon steel reservoir with on/off valve and copper lines to lubricate both sides of conveyer chain, mounted at the rear of the body.

Gearbox:

Cast iron gearbox shall have hardened and ground bronze gears mounted on a drive shaft and supported on tapered roller bearings. These gears shall be machined cut and mounted in anti-friction sealed bearings and running in oil. The gearbox ratio shall be 25:1.

Sprockets and drive shaft:

Drive and idler sprockets shall be manufactured from drop forged steel or cast iron. Sprockets shall be keyed to the drive shaft and the idler shaft. Both conveyer shafts shall have heavy-duty, dust sealed, self-aligning four (4) bolts, spring loaded take-up flange bearings that will allow adjustment of conveyer from the front and the rear when unit is mounted. Adjustment bolt shall be five-eighths (5/8) inch stainless steel. Grease fittings with grease extension lines that will allow greasing the front bearings through the rear when v-body is mounted inside the dump body.

Spinner/chute assembly:

Manufacturer's standard steel distributor disc assembly with replaceable formed steel fins. Disc shall be mounted on a cast iron replaceable hub connected directly to the motor. The material shall be guided from the conveyer to the distribution disc with a deflector system. This system shall control the spread pattern from left to right by controlling the material as it drops on the disc. The entire spinner/chute assembly shall be manufactured from seven (7) gauge steel and be adjustable in height. Four (4) external adjustable baffles, adjustable without the use of tools. The entire spinner/chute assembly shall tip up with the assistance of a hand cable crank to allow cleaning, unloading or storage.

Spinner bypass chute:

Bypass system that allows material to flow over the steel distributor disc assembly out to the curb-side as to unload material from the hopper body into a windrow for road shoulder maintenance.

Rear access ladder:

Heavy-duty folding design, metal access ladder with non-skid ladder rungs, grab handles and heavy-duty rubber latches bolt mounted to spreader body with heavy-duty mounting brackets to rear curb-side. The ladder shall not interfere with the spinner/chute assembly and shall not extend above top screen.

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Wiring:

All wiring to include led beacon light, spinner light, pre-wetting system and vibrator shall terminate at the rear in a weather tight, corrosion proof junction box and continued with a heavy-duty, seven (7) wire pig tail extension wired to electrical functions and seven (7) way male plug (provide matching plug and wiring schematic).

Paint:

Shot blasting of unit to remove all millscale and foreign material powder coat paint with Dupont Imron (31x) industrial orange paint or approved equal.

Identification:

Serial and model number shall be stamped from eighth (1/8) inch plate and welded on visible part of frame at the manufacture before paint. Numbers/letters shall be one (1) inch and a half (1/2) by one (1) inch.

Installation

Shall include but not limited to the following:

- 1) Complete/operational installation of salt spreader to dump truck according to O.E.M. specifications / instructions / hardware.
- 2) Install and align tailgate latch bar
- 3) Weld ratchet winch tie downs on dump bed and prime and repaint.
- 4) Wiring of all electrical functions to truck's seven (7) way female plug to match spreader and heavy-duty switches in the cab with switch nomenclature.
- 5) Install hydraulic hoses and quick disconnects compatible with truck
- 6) Weld structural runners to cross members and tailgate latch bar.

Quality control:

Installer shall be responsible to ensure the highest quality of workmanship. Installed plows and spreaders shall be inspected and tested by installer for performance to reduce or eliminate call backs.

Tie downs:

Four (4) four inch NMDOT approved weld-on ratchet winch for four (4) inch x ten (10) foot heavy-duty nylon straps with flat metal hooks. One (1) winch handle.

Tailgate latch bar:

Constructed from three (3) inch x two (2) inch x one (1) quarter inch thick rectangular tubing and two (2) one and one-quarter (1 1/4) inch diameter hardened steel roll pins that utilize the lower tailgate clamps of the dump body for securing salt spreader. The cross bar and pin assembly shall be custom fitted to the designated vehicle.

Structural runners:

Install two (2) three (3) inch structural channel runners on the bottom side of the v-box welded to every cross member and tailgate latch bar.

Hoses/fittings:

Compatible with truck.

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Safety

Beacon light:

Bracket mounted with over-head protection, blue LED light, at top of rear driver's side of v-body, high profile federal signal (252652-03) or approved equal. Jacketed cable and flexible loom wired to junction box.

Spinner light:

Manufacturer's standard bracket mounted, halogen, spinner work light (location to be determined by user). Jacketed cable and flexible loom wired to junction box.

Stay back 50 feet:

Nineteen (19) inches wide x eighteen (18) inches length reflective self-adhesive white sheeting sign with red lettering "stay back 50 feet". First line: "stay back" three (3) inch lettering. Second line: "50" seven (7) inch. Third line: "feet" four (4) inch. All installed on spinner chute.

Item 0002: Hopper Type Material Spreader, Ten Cubic Yard Capacity New Current Production Model

Scope:

This specification describes a ten (10) cubic yard struck capacity, heavy-duty slide-in v-box-type material spreader. Capable of hauling and spreading free flowing granular materials from a minimum width of four (4) feet to a maximum width of forty (40) feet. Consisting of a steel body, discharge/feed conveyer/spinner assembly.

Body:

Nine point seven (9.7) cubic yards struck capacity. The spreader hopper shall be constructed from seven (7) gauge hi-grade steel. The hopper body length shall be not less than fourteen (14) feet inside length with integral longitudinal overhung for supporting the spinner assembly. The hopper body width shall not exceed eighty-two (82) inches outside width (no exceptions). Hopper body side height shall not exceed fifty-four (54) inches above the mounting surface. Forty-five (45) degree side body slope with front slope to ensure free flow of material to conveyer. Heavy-duty lift hooks at each corner.

V-body tie down brackets:

Install four (4) one quarter (1/4) inch thick x three (3) inch wide x five (5) inch opening, tie down brackets for a four (4) inch metal flat hook and nylon strap at each side (front/rear).

Side supports:

Seven (7) gauge formed side supports that extend the full side slope height, spaced on approximately two foot centers.

Cross members:

Three-inch structural channels welded (flat side up) to each side support.

Cross supports:

Minimum of two (2) internal cross supports.

Inverted "V" shield:

Heavy-duty, removable inverted "V" shield to protect conveyer.

Material deflector:

Bolt-on full body width front material deflector constructed from three-sixteenths (3/16) inch thick steel. Material deflector shall be twenty-four (24) inches deep and mounted at a forty-five (45) degree slope with five (5) structural angle supports. This deflector minimizes material spillage during loading operations between front of v-body and dump body cab shield.

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V-body side rubber skirting:

Twenty-four (24) inch wide bolt-on full v-body length conveyor-type rubber skirting on right/left v-body sides mounted to a full length heavy-duty metal flat strap bracket. These skirts shall drape over dump body sides and minimize spillage during loading operations between v-body side and dump body side.

Material vibrator:

Bolt-on mounted manufacturer's standard material vibrator at front of body wired to junction box with jacketed cable and flexible loom complete with solid state vibrator interrupter that will disable the vibrator in one minute intervals.

"I"/"H" beam:

Six (6) inch "I" beam or "H" beam providing a longitudinal brace and hinge point for the top screens.

Top screens:

Manufacturer's standard heavy-duty welded rods square mesh design. Four (4) sections per side with non-freeze hinges.

Feed gate and ruler:

Manufacturer's standard screw-type self-locking steel feed gate and ruler shall be provided at the rear of the hopper to allow for accurate discharge.

Conveyer system:

Manufacturer's standard heavy-duty conveyer system, chain bar flight-type running longitudinally with the body feeding material to the feed gate opening. The conveyer chain shall be constructed from heat-treated steel, minimum of twenty-one thousand (21,000) pounds per strand, self-cleaning pintle-type. Cross bars welded on both the top and bottom to every chain link. Replaceable or formed chain shield shall cover the strands exposing only the drag bar to the material. Three-sixteenths (3/16) inch thick steel bolt-on replaceable conveyer floor (flat design). The conveyer shall have one (1) internal front wiper and one (1) external rear wiper.

Power drive:

The conveyer chain shall be driven through the worm drive gearbox by a low speed, high-torque "orbital-type" hydraulic motor. This motor shall be directly coupled to the gearbox and protected from the elements by a cast housing. The worm gear drive shaft shall have provision for a servo sensor, integral with the drive shaft.

Chain oiler:

One (1) gallon steel reservoir with on/off valve and copper lines to lubricate both sides of conveyer chain, mounted at the rear of the body.

Gearbox:

Cast iron gearbox shall have hardened and ground bronze gears mounted on a drive shaft and supported on tapered roller bearings. These gears shall be machined cut and mounted in anti-friction sealed bearings and running in oil. The gearbox ratio shall be 25:1.

Sprockets and drive shaft:

Drive and idler sprockets shall be manufactured from drop forged steel or cast iron. Sprockets shall be keyed to the drive shaft and the idler shaft. Both conveyer shafts shall have heavy-duty, dust sealed, self-aligning four (4) bolts, spring loaded take-up flange bearings that will allow adjustment of conveyer from the front and the rear when unit is mounted. adjustment bolt shall be five-eighths (5/8) inch stainless steel. Grease fittings with grease extension lines that will allow greasing the front bearings through the rear when v-body is mounted inside the dump body.

Spinner/chute assembly:

Manufacturer's standard steel distributor disc assembly with replaceable formed steel fins. Disc shall be mounted on a cast iron replaceable hub connected directly to the motor. The material shall be guided from the conveyer to the distribution disc with a deflector system. This system shall control the spread pattern from left to right by controlling the

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material as it drops on the disc. The entire spinner/chute assembly shall be manufactured from seven (7) gauge steel and be adjustable in height. Four (4) external adjustable baffles, adjustable without the use of tools. The entire spinner/chute assembly shall tip up with the assistance of a hand crank to allow cleaning, unloading or storage.

Spinner bypass chute:

Bypass system that allows material to flow over the steel distributor disc assembly out to the curb-side as to unload material from the hopper body into a windrow for road shoulder maintenance.

Pre-wetting system:

Install a chemical pre-wetting system with two (2), one hundred twenty five (125) gallon polyethylene tanks with dual baffles mounted to the v-box body side. System design shall not exceed the v-box body width. Complete with corrosion resistant pump mounted in a weather tight corrosion proof housing, polypropylene ball valves, corrosion resistant hoses with a one and one half (1 ½) inch cross over hose between tanks. One and one half (1 ½) inch bottom quick fill installed at the rear. Weather pack wiring harness with jacketed cable and flexible loom wired to junction box. Cab switches to make a complete system. Tank mounting shall not interfere with feed gate hand crank.

Rear access ladder:

Heavy-duty folding design, metal access ladder with non-skid ladder rungs, grab handles and heavy-duty rubber latches bolt mounted to spreader body with heavy-duty mounting brackets to rear curb-side. The first step of ladder shall be approximately ten to fifteen inches (10"-15") from ground level. The ladder shall not interfere with the spinner/chute assembly and shall not extend above top screen.

Wiring:

All wiring to include led beacon light, spinner light, pre-wetting system and vibrator shall terminate at the rear in a weather tight, corrosion proof junction box and continued with a heavy-duty, seven (7) wire pig tail extension wired to electrical functions and seven (7) way male plug (provide matching plug and wiring schematic).

Paint:

Shot blasting of unit to remove all mill scale and foreign material powder coat paint with Dupont Imron (31x) industrial orange paint or approved equal.

Identification:

Serial and model number shall be stamped from eighth (1/8) inch plate and welded on visible part of frame at the manufacture before paint. Numbers/letters shall be one (1) inch and a half (½) by one (1) inch.

Installation

Shall include but not limited to the following:

- 1) Complete/operational installation of salt spreader to dump truck according to O.E.M. specifications / instructions / hardware.
- 2) Install and align tailgate latch bar.
- 3) Weld ratchet winch tie downs on dump bed and prime and repaint.
- 4) Wiring of all electrical functions to truck's seven (7) way female plug to match spreader and heavy-duty switches in the cab with switch nomenclature.
- 5) Install hydraulic hoses and quick disconnects compatible with truck.
- 6) Weld structural runners to cross members and tailgate latch bar.

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Quality control:

Installer shall be responsible to ensure the highest quality of workmanship. Installed plows and spreaders shall be inspected and tested by installer for performance to reduce or eliminate call backs.

Tie downs:

Four (4) four inch NMDOT approved weld-on ratchet winch for four (4) inch x ten (10) foot heavy-duty nylon straps with flat metal hooks. One (1) winch handle.

Tailgate latch bar:

Constructed from three (3) inch x two (2) inch x one quarter (¼) inch thick rectangular tubing and two (2) one and one-quarter (1 ¼) inch diameter hardened steel roll pins that utilize the lower tailgate clamps of the dump body for securing salt spreader. The cross bar and pin assembly shall be custom fitted to the designated vehicle.

Structural runners:

Install two (2) three (3) inch structural channel runners on the bottom side of the v-box welded to every cross member and tailgate latch bar.

Hoses/fittings:

Compatible with truck.

Safety

Beacon light:

Bracket mounted with over-head protection, blue LED light, at top of rear driver's side of v-body, high profile Federal Signal (252652-03) or approved equal. Jacketed cable and flexible loom wired to junction box.

Spinner light:

Manufacturer's standard bracket mounted, halogen, spinner work light (location to be determined by user). Jacketed cable and flexible loom wired to junction box.

Stay back 50 feet:

Nineteen (19) inches wide x eighteen (18) inches length reflective self-adhesive white sheeting sign with red lettering "STAY BACK 50 feet". First line: "STAY BACK" three (3) inch lettering. Second line: "50" seven (7) inch. Third line: "feet" four (4) inch. Installed on spinner chute.

Item 0003: Snow Plow, Ten Foot, Hydraulic Reverse, Truck Mounted Current Production Model

Scope:

This specification describes a ten (10) foot hydraulic reverse snow plow with integral shield and frame mounted quick connect/disconnect truck hitch to be installed on NMDOT trucks.

Moldboard:

Ten (10) foot integral shield moldboard constructed from ten (10) gauge high strength carbon low-alloy sheet steel or three sixteenths (3/16) inch thick a thirty-six (36) hot rolled steel. Height shall be a minimum of forty-one (41) inches with eight (8) inch cutting edge. Two (2) thirty-six (36) inch high fluorescent orange moldboard end markers.

Parking jack:

Crank-type screw jack that stows when not in use.

Cutting edge:

Manufacturer's standard three (3) piece carbide tipped cutting edges. Two (2) three (3) foot end sections and one (1) four-foot center section. ASHTO punched.

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Vertical ribs:

Six (6) one (1) piece manufacturer's standard heavy-duty vertical steel ribs welded to the top/bottom angles and moldboard sheet.

Horizontal braces:

Manufacturer's standard heavy-duty horizontal steel bracing welded between vertical ribs on entire length of moldboard.

Heel iron:

Constructed from four (4) inch x four (4) inch x three quarter (3/4) inch thick structural angle. Three quarter (3/4) inch thick steel heel iron reinforcements welded to the heel iron between each bolt hole.

Reversing push frame:

Manufacturer's standard constructed from heavy structural angle, rolled angle or heavy-duty structural tubing designed to distribute plowing stress across the entire length of the moldboard. The push frame shall be attached to a minimum of four (4) points on the moldboard with one and one quarter (1 1/4) inch diameter cold rolled steel pins.

A-frame push plate:

Manufacturer's standard constructed of heavy-duty double tubular, "I" beam, ship channel or structural angle.

Hydraulic reverse:

Two (2) double acting nitrated hydraulic reverse cylinders, three (3) inch x ten (10) inch cylinders with stops. Cushion valve.

Trip mechanism:

Plow shall be equipped with manufacturer's standard heavy-duty dual exposed compression spring trip and rebound assembly that allows the entire moldboard to trip over center and return to original position. Shall have three (3) pitch adjustments for different attack angles.

Shoes:

Two (2) each, heavy-duty screw adjustable skid shoe assemblies (rectangular design) with carbide tip inserts.

Snow deflector:

Twelve (12) inch bolt-on full length, heavy-duty rubber snow deflector.

Truck hitch/lifting frame:

Heavy-duty frame mounted and reinforced truck hitch assembly. Shall be quick connect/disconnect, self-aligning receiving jaws, and automatic locking design accomplished without driver leaving cab. Hitch design shall allow installation on trucks with and without front integral frame extensions and tilting hoods with stationary grills. The hitch or any of its components shall not interfere with the operation of the tilting hood. Four (4) inch x ten (10) inch moldboard lift cylinder with manufacturer's standard heavy-duty lifting frame complete with grade seventy (70) lifting chains and safety latches if applicable.

Parallel level lift:

Manufacturer's standard parallel level lift system.

Identification:

Plow shall have a stamped aluminum tag that has serial number, model number, make, year manufactured and weight. Serial and model number shall also be stamped from eighth (1/8) inch plate and welded on visible part of frame at the manufacture before paint. Numbers/letters shall be one (1) inch and a half (1/2) by one (1) inch.

Paint:

Remove dust and slag. Prime and paint with industrial orange paint or approved equal.

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Installation:

Shall include but not limited to the following:

- 1) Complete/operational installation of snow plow hitch to truck according to O.E.M. specifications/instructions/hardware.
- 2) Hitch to truck frame support brace angles shall not be greater than forty-five (45) degrees.
- 3) All welding shall be done with wire feed welder and certified welder.
- 4) Install hydraulic hoses and quick disconnects compatible with truck.
- 5) Prime and paint all mounting hardware.
- 6) One prototype hitch installation shall be completed and approved by NMDOT personnel before others are installed.

Quality control:

Installer shall be responsible to ensure the highest quality of workmanship. Installed plows and spreaders shall be inspected and tested by installer for performance to reduce or eliminate call backs.

SUPPLEMENTAL TERMS AND CONDITIONS

(Miscellaneous Equipment)

[Rev. 4/01]

Intent of Specifications:

The specifications are intended to describe equipment for use by the ordering agency, which will operate efficiently and safely. The design specifications incorporated herein are intended to describe such unit, and to set forth minimal performance parameters required by the State of New Mexico. Any references herein to a particular make or model number are intended not to be restrictive but to set forth an acceptable level of quality and design. The State reserves the right to accept minor variances in product design and/or operation offered by bidders if such acceptance is determined to be in the best interest of the State.

Qualified Bidders:

Bids may be accepted from manufacturers and/or factory authorized dealers who are able and willing to provide responsive service to the ordering agency during the warranty period and the extended warranty period if required. Vendors must be in a position to offer the lowest cost/highest effectiveness, completely assembled units meeting or exceeding the minimum specifications contained herein.

When additional equipment (components) are required to complete a bid package which is not normally supplied by the bidder, such equipment shall be supplied by an authorized equipment supplier, but shall be the full responsibility of the bidder.

Inspection of Work:

Representatives of the State Purchasing Division or the ordering agencies shall have access, at any reasonable time, to the bidder's and manufacturer's facilities for the purposes of inspection during periods of manufacture or assembly of the items to be ordered hereunder. The costs associated with such inspection trips shall be borne by the State and/or ordering agency.

Late Delivery:

It is expressly understood and agreed that, as a result of the public interest, and because of the monetary losses which may be sustained by the State, as a result of failure to deliver the equipment described in the contract on time, that time is of the essence in the performance of this contract. It is agreed that damages resulting from late delivery can neither be accurately anticipated or calculated.

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The following delivery terms and conditions apply to **Miscellaneous Equipment** described in specifications.

Above noted equipment shall be delivered within _____ working days of Vendor's receipt of order. In the event of failure of the vendor to deliver in accordance with this requirement, the vendor shall be liable to the user agency and/or the State for late delivery penalties in the amount of \$_____ per unit per day.

Documented strikes, national emergencies, or acts of God are the only justification for delay in delivery. Acts of God are defined as unusual, sudden, and unexpected manifestations of the forces of nature, the effect(s) of which could not have been prevented by reasonable human foresight, pains, and care.

At the option of the State Purchasing Director, the user agency may invoke the Default Provisions of this contract contained in the General Conditions and Instructions to Bidders in addition to any liquidated damages as outlined above.

Motor Vehicle Regulations:

Unit(s) ordered shall be furnished with all equipment necessary to comply with all applicable rules and regulations of the New Mexico Department of Motor Vehicles and shall be in compliance with Safety Standards required by the Federal Motor Vehicle Safety Standards established by the National Traffic Safety Administration, and the Safety Standards required by OSHA and applicable ANSI standards and reference to the operation of such vehicles within the State of New Mexico.

Certificates, Manuals, and Warranties:

When unit(s) are delivered, the vendor shall deliver to the ordering agency (if applicable):

- a) Documents of Title,
- b) Certificates of Origin,
- c) Warranty and Guarantee Certificates,
- d) Certifications specified in the contract,
- e) Manuals specified in the contract.

Guarantees and Warranties:

Unit(s) furnished hereunder shall be fully warranted (bumper to bumper) on all parts and labor for a minimum of one (1) year, or as may otherwise be required under this specification. In the event that a factory standard warranty exceeds our stipulated warranty, the factory standard warranty shall prevail. No deductible shall apply during the warranty period.

Hydraulic components furnished hereunder shall be fully warranted on parts and labor for a minimum of two (2) years, or as may otherwise be required under this specification.

Hydraulic Components to be Covered:

Hydraulic Pumps, Valves, Cylinders, Reservoirs and Controls.

It is understood that unit(s) offered in response to this request for bids will be of new design. In the event that unforeseen operational problems occur because of a new design, the manufacturer shall warrant that it will retrofit at no cost to the ordering agency, any improvements developed to correct problems of repeated or early failure in meeting acceptable performance standards for a period of one (1) year from date of delivery.

Servicing:

Unit(s) ordered under this contract shall be completely serviced and ready for operation upon delivery.

Warranty Repairs:

While unit(s) provided hereunder are under warranty, all repairs shall be completed within five (5) working days after receipt of unit(s). This period may be extended at the user's option and such extension shall be documented in writing. In the event of failure to perform repairs within five (5) working days and failure to receive approval for time extension, the vendor shall provide a like unit until repairs are completed. All repairs shall be performed at the bidder's place of

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business or other facility of his/her choice. Delivery of unit(s) for repair and all costs associated therewith shall be the user's responsibility.

Parts Availability:

All replacement parts/components required by the ordering agency for repairs of unit(s) shall be provided within five (5) working days during the warranty period. This period may only be extended at the user's option.

In the event of failure to provide parts/components within the stipulated time or receipt of user/owner concurrence for extending this time, the vendor shall provide the replacement parts/components at no cost to the user/owner.

Training:

The vendor will be responsible for providing a minimum of four (4) hours of service and operator training or as may otherwise be required under this specification. Training session format(s), length(s), and location(s) will be mutually agreed to between the seller and purchaser.

Responsibility of Bidders:

It shall be the responsibility of the vendor to secure written quotations on price and delivery from manufacturers meeting the general specifications set forth herein. Only those manufacturers who can meet delivery dates, such as to permit delivery of completely assembled unit(s) to the ordering agency by specified delivery date, shall be considered by the vendor. The vendor may be required to provide the State with field test results and surveys, which will show conclusively;

- a) Maintenance and reliability experience of units in service for at least one (1) year.
- b) Other data on actual performance of equipment, which in the opinion of the vendor, will assist the State in selecting the most effective cost efficient unit offered by the bidder.

Payment or Acceptance Not Conclusive:

No payment made under this contract shall be conclusive evidence of the performance of the contract, either wholly or in part, and that no payment made for the delivery of the items in whole or in part shall be construed as an acceptance of defective work or improper materials, nor relieve the vendor from corrections of the defects. The final acceptance shall not be binding upon the ordering agency or the State, nor conclusive, should it subsequently develop the vendor had furnished inferior items or had departed from the specifications and/or the terms of the contract. Should such conditions become evident, the ordering agency shall have the right, notwithstanding final acceptance and payment, to cause the item(s) to be properly furnished in accordance with the specifications (and drawings, if any) at the cost and expense of the bidder.

Order of Preference:

In the event of conflict between the General Conditions and Instructions to Bidders and the Supplemental Terms and Conditions, the Supplemental Terms and Conditions shall prevail.

Any references herein to a particular make or model number are intended not to be restrictive, but to set forth an acceptable level of quality and design.

Method of Award:

To the lowest responsible vendor meeting or exceeding specifications, terms and conditions.

Options:

All ordered options shall be installed. **The ordering of options only is strictly prohibited!**

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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001	Each	Hopper Type Material Spreader, Five Cubic Yard Capacity New Current Production Model Make offered: (AA) Swenson (AB) Monroe Model offered: (AA) EV100 10-48 (AB) MSV-120-82-48-NM Base price per unit:	(AA) \$12,367.00 (AB) \$12,075.00
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Options for Item 001

Bid as options:

A) Installation		(delete-deduct)	(AA) \$200.00 (AB) \$150.00
B) Material vibrator		(delete-deduct)	(AA) \$85.00 (AB) \$50.00
C) Mounting kit		(delete-deduct)	(AA) \$32.00 (AB) \$25.00
D) Material pre-wetting system		add	(AA) \$2,356.00 (AB) \$2,250.00
E) Rear air foil in lieu of ladder		add	(AA) \$353.00 (AB) \$350.00
F) Inverted "V" shield		(delete-deduct)	(AA) \$40.00 (AB) \$50.00
G) Spinner/chute tip up feature		(delete-deduct)	(AA) \$30.00 (AB) \$500.00
H) Four (4) self-supporting, telescoping legs constructed from heavy-duty structural tubing for out of service storage (with empty spreader) to allow loading/unloading without the use of a lifting device		add	(AA) \$2,210.00 (AB) \$2,275.00
I) Single auger conveyor system with grease tube extension Auger conveyor system shall have all safety devices from manufacture.		add	(AA) \$825.00 (AB) \$1,530.00
J) Dual auger conveyor system with grease tube extension Auger conveyor system shall have all safety devices from manufacture.		add	(AA) \$3,144.00 (AB) \$3,500.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
K)			Stainless Steel unit	add (AA) \$7,096.00 (AB) \$5,975.00
L)			Spray on liner "Rhino Lining" or approved equal inside V box	add (AA) \$733.00 (AB) \$1,725.00
(AA) M)			Replacement Spreader Chain	add (AA) \$1,242.00
N)			Chain Adjuster at Rear	add (AA) \$403.00
O)			Full Frame Tubular Leg Stands Telescopic	add (AA) \$3,633.00
P)			Formed Stainless Leg Stand	add (AA) \$3,349.00
Q)			G2 Directional Automated Spinner Chute	add (AA) \$5,039.00
R)			Henke HX1000-10-82-48 5 Yard Spreader Complete	add (AA) \$18,085.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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002	Each		Hopper Type Material Spreader, Ten Cubic Yard Capacity New Current Production Model Make offered: (AA) Swenson (AB) Monroe Model offered: (AA) EV100 14-54 (AB) MSV-168-82-54-NM Base price per unit:	(AA) \$16,657.00 (AB) \$15,795.00
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Options for Item 002

Bid as options:

A) Installation			(delete-deduct)	(AA) \$200.00 (AB) \$150.00
B) Material vibrator			(delete-deduct)	(AA) \$85.00 (AB) \$50.00
C) Mounting kit			(delete-deduct)	(AA) \$32.00 (AB) \$25.00
D) Material pre-wetting system			add	(AB) \$2,250.00
E) Rear air foil in lieu of ladder			add	(AA) \$353.00 (AB) \$350.00
F) Inverted "V" shield			(delete-deduct)	(AA) \$40.00 (AB) \$50.00
G) Spinner/chute tip up feature			(delete-deduct)	(AA) \$30.00 (AB) \$500.00
H) Four (4) self-supporting, telescoping legs constructed from heavy-duty structural tubing for out of service storage (with empty spreader) to allow loading/unloading without the use of a lifting device			add	(AA) \$2,260.00 (AB) \$2,275.00
I) Single auger conveyor system with grease tube extension Auger conveyor system shall have all safety devices from manufacture.			add	(AA) \$825.00 (AB) \$1,775.00
J) Dual auger conveyor system with grease tube extension Auger conveyor system shall have all safety devices from manufacture.			add	(AA) \$3,264.00 (AB) \$3,900.00
K) Stainless Steel unit			add	(AA) \$8,654.00 (AB) \$6,850.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
			L) Spray on liner "Rhino Lining" or approved equal inside V box	add (AA) \$940.00 (AB) \$2,100.00
(AA			M) Replacement Spreader Chain	add (AA) \$1,327.00
			N) Chain Adjuster at Rear	add (AA) \$403.00
			O) Full Frame Tubular Leg Stands Telescopic	add (AA) \$3,810.00
			P) Formed Stainless Leg Stand	add (AA) \$3,980.00
			Q) G2 Directional Automated Spinner Chute	add (AA) \$5,039.00
			R) Henke HX1000-14-82-5410 Yard Spreader Complete	add (AA) \$20,273.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
003		Each	Snow Plow, Ten Foot, Hydraulic Reverse, Truck Mounted Current Production Model Make offered: (AA) Henke (AB) Monroe Model offered: (AA) 41R10-ECT (AB) MP41R10-ISCT Base price per unit:	(AA) \$10,843.00 (AB) \$9,275.00
Options for Item 003				
Bid as options:				
			A) Installation	(delete-deduct) (AA) \$200.00 (AB) \$150.00
			B) Twelve foot moldboard	add (AA) \$777.00 (AB) \$750.00
			C) Twelve foot expressway moldboard	add (AA) \$1,603.00 (AB) \$1,750.00
			D) Dual mouse ears	add (AA) \$995.00 (AB) \$1,000.00
			E) Fold down lift arm and cylinder	add (AA) \$517.00 (AB) \$325.00
			F) Expressway (Alaska type) or approved equal	add (AA) \$2,963.00 (AB) \$1,050.00
			G) Vee-plow fifty-two inch x eighty-six inch with lift group	add (AA) \$19,679.00
			H) Mid mount truck plow with hydraulics complete system	add (AA) \$15,028.00 (AB) \$16,250.00

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Item	Approx. Qty.	Unit	Article and Description	Unit Price
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I) Front mount truck plow with hydraulics complete system	add	(AA) \$16,637.00 (AB) \$15,500.00
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Make offered: (AA) Henke
 (AB) Monroe

Model offered: (AA) 41R10-ECT
 (AB) Wing, 9JRWMB, 10GA, CBD

Base price per unit		(AA) \$16,637.00 (AB) See Option I & H
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(AB) Option on Mid Mount Truck Plow

- | | | |
|---|--------|-----------------|
| 1) Para-Glide Mid-Mount Post Upgrade | add | (AB) \$750.00 |
| 2) 8' Moldboard in Lieu of 9' | deduct | (AB) \$100.00 |
| Option on Front Mount Truck Plow | | |
| 1) Full Trip Mounting Block | add | (AB) \$275.00 |
| 2) Two Piece Torsion Block | add | (AB) \$1,250.00 |
| 3) Carbide Edge with Cover | add | (AB) \$1,025.00 |
| 4) Cast Iron Moldboard Shoe | add | (AB) \$195.00 |
| 5) Wrap Around Curb Guard | add | (AB) \$100.00 |

*** 3-Items Total ***