

**Motor Grader
Life Cycle Cost
Lancaster County Engineering**

Date:
11/8/2017
Revised

Description		Murphy Tractor & Equip. Co.	NMC, Inc.	
Line#	County Engineering Data Use for Calculations			
1	Projected Number of Months in Service:	216	216	
2	Projected Number of Hours of Operation per Month	108	108	
3	Projected Total Number of Hours	23328	23328	
4	Number of Maintenance Cycles Performed Per Year	2	2	
5	Fuel Cost-per-Gallon	\$ 2.85	\$ 2.85	
Net Cost				
6	Bid Price (Listed on ITB Line # 1) with Credit for Trade-in	\$ 216,662.09	\$ 206,500.00	
7	Projected Salvage Value (Using Projected Total Hours & Projected Total Months) Bidder shall supply documentation prior to award for pricing information from an independently owned published source.	\$ 48,500.00	\$ 69,395.00	
8	Total Net Cost (Line 6- Line 7)	\$ 168,162.09	\$ 137,105.00	
Operating Costs				
Fuel				
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented Bidder shall supply manufacturers documentation prior to award.	4.22	4.54	
10	Projected Number of Hours	23328	23328	
11	Projected Total Gallons (Line 9 x Line 10)	98444	105909	
12	Fuel Cost-per-Gallon (LP gas) (Current eia-U.S. Energy Information Administration)	\$ 2.85	\$ 2.85	
13	Total Estimated Fuel Cost (Line 11 x Line 12)	\$ 280,565.86	\$ 301,840.99	
Estimated Maintenance Cost for Parts & Materials (Labor not included)				
14	Total Maintenance Cost	\$ 31,566.44	\$ 34,014.07	
15	Total Operating Cost (Fuel + Maintenance) [(Line 13 +Line 14)	\$ 312,132.30	\$ 335,855.06	
16	Total Life-Cycle Cost [-Net Cost, Line 8 +Total Operating Cost. Line 15)	\$ 480,294.39	\$ 472,960.06	
17	(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)	\$ 20.59	\$ 20.27	

Company Name: NMC Inc.

Motorgrader #1 - Life Cycle
Lancaster County Engineering

Opening Date:
6-Oct-17

Description			
Line#	County Engineering Data Use for Calculations		
1	Projected Number of Months in Service:	216	Provided by County Engineer
2	Projected Number of Hours of Operation per Month	108	Provided by County Engineer
3	Projected Total Number of Hours	23,328	Provided by County Engineer
4	Number of Maintenance Cycles Performed Per Year	2	Provided by County Engineer
5	Fuel Cost-per-Gallon	2.85	Provided by County Engineer
Net Cost			
6	Bid Price with Credit for Trade-in of County Unit #331	1206,500	Bidder enters amount
7	Projected Salvage Value (Using Projected Total Hours & Projected Total Months) Bidder shall supply estimated salvage value from an independently owned published source and include documentation with the response.	\$69,395	Bidder enters amount
8	Total Net Cost (Line 6- Line 7)	1137,105	Total Net Cost
Operating Costs			
Fuel			
9	Estimated Fuel Use Rate (Gallons Per Hour) "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented - Bidder may supply manufacturers documentation with response or County Engineer may use data gathered from previous performance	4.54	Provided by County Engineer
10	Projected Number of Hours	23,328	Provided by County Engineer
11	Projected Total Gallons (Line 9 x Line 10)	105,909	Provided by County Engineer
12	Fuel Cost-per-Gallon (Current eia- Nebraska Energy Office Sept, 2017)	2.85	Provided by County Engineer
13	Total Estimated Fuel Cost (Line 11 x Line 12)	301,840.65	Provided by County Engineer
14	Fuel Additive Cost (if recommended by Manufacturer)	0	Provided by County Engineer
Estimated Maintenance Cost for Parts & Materials (Labor not included)		8	Provided by County Engineer
15	Total Maintenance Cost	34,014.07	Provided by County Engineer
16	Total Operating Cost (Fuel + Fuel Additive + Maintenance) ((Line 13 +Line 14+ Line 15)	335,854.72	Provided by County Engineer
17	Total Life-Cycle Cost <Net Cost, Line 8 +Total Operating Cost, Line 16)	472,959.72	Total Life-Cycle Cost - Provided by County Engineer
18	(Total Life-Cycle Cost divided by Total Hours) (Line 17/Line 3)	20.27	Life-Cycle Cost Per Hour - Provided by County Engineer

REVISED - ADDENDUM 1

Maintenance Cost Worksheet - Vendor to complete and return with quote

Date 10-6-17

Company Name: NMC Inc. - 2

Item #	Total Maintenance Costs- Indicate parts necessary to perform a complete change If the machine requires two air filters, you must price both Subject to add or delete items for consideration	Number of Maint. Procedures Performed During Life Cycle of Unit (216 months)	Vendor Supplied Manufacturer's Suggested Retail Price for Parts/Supplies	Total Cost
1	Oil and Oil Filter	46	129.68	5965.28
2	Fuel Filters and Sediment Bowl	46	73.35	3374.10
3	Lube Chassis (grease for all zerks)	233	2.51	584.83
4	Engine Air Filters	23	86.01	1978.23
5	Hydraulic Oil and Filter	6	287.07	1722.24
6	Transmission Oil and Filter	23	326.53	7510.19
7	Differential Oil	Included	Above	
8	Rear Tandem/Final Drive Oil	11	545.80	6003.80
9	Replace Oil in Wheel Bearings	11	25.76	283.36
10	Replace Engine Belts	4	90.68	362.72
11	Cab Air Filter	23	30.02	690.46
12	Hydraulic Filter	46	120.41	5538.86
13				
14				
15				
16	Any other maintenance required by manufacturer for warranty compliance			
17				
18	* Figures From 12M3 O&MM			
19				
20				
Total Life Cycle Maintenance Cost				\$ 34,014.07

City of Lincoln/Lancaster County (Lincoln Purchasing) Supplier Response

Bid Information		Contact Information		Ship to Information	
Bid Creator	Robert Walla Purchasing Agent	Address	Purchasing 440 S. 8th St. Lincoln, NE 68508	Address	Lancaster County Engineering 444 Cherrycreek Road, Bldg C Lincoln, NE 68528
Email	rwalla@lincoln.ne.gov	Contact	Robert Walla Purchasing Agent	Contact	
Phone	1 (402) 441-8309	Department		Department	
Fax	1 (402) 441-6513	Building	Suite 200	Building	
Bid Number	5727 Addendum 2	Floor/Room		Floor/Room	
Title	Lancaster County Motorgraders - Cooperative Purchase - Request For Quotes	Telephone	1 (402) 441-8309	Telephone	(402) 441-6321
Bid Type	Quote	Fax	1 (402) 441-6513	Fax	
Issue Date	9/28/2017 08:08 AM (CT)	Email	rwalla@lincoln.ne.gov	Email	
Close Date	10/6/2017 02:00:00 PM (CT)				purchasing@lincoln.ne.gov

Supplier Information

Company NMC, Inc (Nebraska Machinery Company)
 Address 401 Northwest 56th Street

 Lincoln, NE 68528
 Contact
 Department
 Building
 Floor/Room
 Telephone (402) 473-1080
 Fax
 Email
 Submitted 10/6/2017 11:50:17 AM (CT)
 Total \$413,000.00

By submitting your response, you certify that you are authorized to represent and bind your company.

Signature Jeremy Slechta

Email jeremyslechta@nmccat.com

Supplier Notes

In regards to Addendum 2 it is my understanding that a vendor may supply a fuel consumption number or the county engineer will provide one. For my bid I would prefer the county engineer provide a fuel consumption number to complete my bid.
 Thanks

Bid Notes

NOTE: This Quote is requesting pricing from qualified Vendors using the State of Nebraska and other acceptable National Cooperative contracts.
 Vendors who do not participate in these types of contracts are not eligible to submit a quote.

Bid Activities

Bid Messages

Bid Attributes

Please review the following and respond where necessary

#	Name	Note	Response
1	Bid Documents	I acknowledge and accept that it is my responsibility as a Bidder to promptly notify the Purchasing Department Staff prior to the close of the bid of any ambiguity, inconsistency or error which I may discover upon examination of the bid documents including, but not limited to the Specifications.	Yes
2	Instructions to Bidders	I acknowledge reading and understanding the Instructions to Bidders.	Yes
3	Specifications	I acknowledge reading and understanding the specifications.	Yes
4	Purchase Order, Contract and Delivery Contact	The City/County Purchasing Department issues Purchase Orders and Contracts via email to a designated contact person of the awarded Vendor. This designee will be the primary contact with the department through the delivery of the product/services. Please list the name, email address and phone number of the person who will be the contact person for the PO to be awarded.	Jeremy Slechta jeremyslechta@nmccat.com 402-802-0098
5	Delivery	State number of delivery days ARO. FOB to the City/County at the location specified with all transportation charges paid.	145
6	Contact	Name of person submitting this bid:	Jeremy Slechta
7	Electronic Signature	Please check here for your electronic signature.	Yes
8	U.S. Citizenship Attestation	Is your company legally considered an Individual or Sole Proprietor: YES or NO As a Vendor who is legally considered an Individual or a Sole Proprietor I hereby understand and agree to comply with the requirements of the United States Citizenship Attestation Form, available at: http://www.sos.ne.gov/business/notary/citizenforminfo.html All awarded Vendors who are legally considered an Individual or a Sole Proprietor must complete the form and submit it with contract documents at time of execution. If a Vendor indicates on such attestation form that he or she is a qualified alien, the Vendor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Vendor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program. Vendor further understands and agrees that lawful presence in the United States is required and the Vendor may be disqualified or the Contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. 4-108.	No

- 9 Document Submittals I have completed and submitted a detailed equipment list for each unit, a Maintenance Cost Worksheet, and the Life Cycle Cost Sheet for each unit as requested in the Specifications. I have attached this information to the Response Attachment section of the Ebid and/or delivered it to the Purchasing Office prior to the close of the quote. Yes
- 10 Agreement to Addendum No. 1 Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: ELECTRONIC ADDENDUM - NO ADDITIONAL COPIES ARE ATTACHED. Yes
1. Does manufacture brand oil need to be included in the parts/supplies? I am unclear if you are considering oil a part/supply:
ANSWER: YES - Oil for each item that calls out for oil to be changed requires the oil itself to be priced.
2. Line 5 is duplicated again at line 8, would it be appropriate to omit one on the worksheet?
ANSWER: A revised Cost Worksheet has been attached. Use the Revised - Addendum 1 Sheet with bid submission.
3. Engine and cab air filters line 4 and 11, these are an as required item depending on operating conditions. What would be a suitable interval to change on average from past experience?
ANSWER: The County will change these filters 23 times during the life of the equipment. This number has been added to the Revised - Addendum 1 Worksheet.
- 11 Agreement to Addendum No. 2 Respondent hereby certifies that the change set forth in this addendum has been incorporated in their proposal and is part of their bid. Reason: See Bid Attachments section for Addendum information. Yes

Line Items

#	Qty	UOM	Description	Response
1	1	PKG	Motor Grader #1	\$206,500.00

Item Notes:

Supplier Notes: State Contract 14192 OC

Package Line Items:

#	Qty	UOM	Description	Response
1.1	1	EA	Articulated Frame Four Wheel Drive Motor Grader - Unit #1	249,000.00

Item Notes: Total Cost for all options. Do not include Trade-In Amount in this Line Item.

Supplier Notes:

1.2	1	EA	Trade In - Motorgrader #1 ENTER A MINUS SIGN (-) IN FRONT OF NUMBER IN THE UNIT PRICE BOX.	-42,500.00
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Supplier Notes:

2	1	PKG	Motor Grader #2	\$206,500.00
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Item Notes:

Supplier Notes: NJPA Contract 032515-CAT

Package Line Items:

#	Qty	UOM	Description	Response
2.1	1	EA	Articulated Frame Four Wheel Drive Motor Grader - Unit #2	249,000.00

Item Notes: Total Cost for all options. Do not include Trade-In Amount in this Line Item.

Supplier Notes:

2.2	1	EA	Trade In - Motorgrader #2 ENTER A MINUS SIGN (-) IN FRONT OF NUMBER IN THE UNIT PRICE BOX.	-42,500.00
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Supplier Notes:

Response Total: \$413,000.00

SPECIFICATIONS

ARTICULATED FRAME FOUR-WHEEL DRIVE MOTOR GRADERS

Lancaster County Engineer

1. APPLICATIONS and SUPPLEMENTAL INSTRUCTIONS

- 1.1 Lancaster County is requesting quotes from Vendors for the supply of two (2) new Articulated Frame Four-Wheel Drive Motor Graders which will be utilized by the County Road Maintenance Division in a variety of applications.
 - 1.1.1 The most demanding of these applications will be for gravel road maintenance and various grading projects in which visibility and maneuverability are imperative.
 - 1.1.2 Other applications will include snow removal with blade, snow removal utilizing front mount V-plow, road and ditch construction.
 - 1.1.3 The County is requesting quotes for each machine from multiple cooperative contracts to ensure the lowest total cost. One quote should be from the State of Nebraska if one is available, the other from a local, regional or national cooperative contract such as, but not limited to, NJPA, HGAC, etc.
 - 1.1.3.1 Not all contracts may be used due to lack of assignability. Vendors may check with City/County Purchasing to verify applicable cooperative contracts. Vendors who submit a quote/s using a contract that cannot be used by the County shall have their quotes rejected.
 - 1.1.3.2 Vendor must list the lead entity for each of the quotes submitted.
 - 1.1.4 Vendors must submit a detailed list of the base equipment and the optional equipment as listed in these specs for each unit being bid.
- 1.2 All operations on the equipment being quoted must be capable of being safely accomplished from a sitting position with a clear and unobstructed view of the ground immediately in front of the tires.
- 1.3 The County awards contracts using Life-Cycle cost over a period of 18 years.
 - 1.3.1 A maintenance sheet with instructions and a life cycle cost sheet are attached to the Bid Attachment section of the Ebid.

- 1.3.2 Vendor shall attach the completed Maintenance Sheet to the Response Attachment section of the Ebid response.
- 1.4 Bidders shall submit their quote and all supporting material via the City/County Ebid System prior to October 6, 2017 at 2:00pm.
 - 1.4.1 The County requires Vendors to submit a Maintenance Cost Worksheet to be fully completed and Lines 6 and 7 of the Life Cycle Sheet for each unit being bid. There must be a Maintenance Cost Worksheet and a Life Cycle Sheet attached to each quote submitted. All attachments may be attached to the Response Attachment section of the Ebid response.
- 1.5 All inquiries regarding these specifications shall be directed via e-mail request to Bob Walla, Purchasing Agent (rwalla@lincoln.ne.gov) .
 - 1.5.1 These inquiries and/or responses shall be distributed to prospective Vendors electronically as an addendum in the Ebid system.
 - 1.5.2 The Purchasing Office shall only reply to written inquiries received within three (3) calendar days of quote opening.
 - 1.5.3 No direct contact is allowed between Vendor and other County staff or elected officials throughout the bid process with the exception of the County Purchasing Staff, Ron Bohaty and Bill Fleisher.
 - 1.5.3.1 Failure to comply with this directive may result in Vendor bid being rejected.

2. APPROVED MODEL

- 2.1 The equipment furnished under these specifications shall be the latest improved model in current production as offered to the commercial trade (2017 or 2018 model year).
- 2.2 Examples: Caterpillar 12M3, John Deere 770GP.
- 2.3 Examples shown are listed to show the type and class of equipment desired.
- 2.4 Bidders are cautioned to read the specifications carefully, as they may include special requirements not commonly offered by the manufacturer.
- 2.5 Do not assume your standard equipment meets all detailed specifications merely because it is listed above as an example.

3. ENGINE AND RELATED EQUIPMENT

- 3.1 Six cylinder minimum turbo charged
- 3.2 Four cycle
- 3.3 Diesel powered engine compatible with ultra-low sulfur diesel fuels
- 3.4 Water cooled
- 3.5 Variable net horsepower at 2,100 RPM
 - 3.5.1 170 hp minimum in first gear
 - 3.5.2 173 hp minimum in second gear
 - 3.5.3 189 hp minimum in third gear
 - 3.5.4 203 hp minimum in fourth gear
 - 3.5.5 208 hp minimum in fifth gear
 - 3.5.6 213 hp minimum in sixth gear
 - 3.5.7 218 hp minimum in seventh gear
 - 3.5.8 223 hp minimum in eighth gear
- 3.6 Engine governor
- 3.7 Dry-type dual stage air cleaner
- 3.8 Manufacturers recommended Air Cleaner pre-cleaner or automatic dust ejector
- 3.9 Cab mounted pop-up air filter restriction indicator or air filter restriction light.
- 3.10 Full-flow spin-on oil filter
- 3.11 (30 Micron) Fuel filter and water separator
- 3.12 24 volt electric start
- 3.13 Antifreeze protection to -30 degrees F with 5 yr. extended life coolant
- 3.14 Muffler with bent elbow/rain cap (vertical stack cab height)
- 3.15 Thermal or ether cold weather starting aid
- 3.16 Engine side enclosures
- 3.17 Fuel priming pump
- 3.18 100 amp alternator minimum
- 3.19 Heavy duty batteries (2) (900 CCA capacity minimum)
- 3.20 Heavy-duty radiator
- 3.21 100 gallon capacity fuel tank minimum

4. TRANSMISSION

There are two acceptable transmissions

- A.
 - 4.1 Power shift no clutching required for gear or directional changes (without torque converter transmission)
 - 4.2 Direct drive
 - 4.3 Eight (8) speeds forward minimum
 - 4.4 Six (6) speeds reverse minimum
 - 4.5 25 mph approximate road speed in forward gear.
 - 4.6 Transmission Bottom Guard/Pan with Side Plates
- B.
 - 4.7 Full powershift transmission with integral torque converter
 - 4.8 Eight (8) speeds forward minimum
 - 4.9 Three (3) speeds reverse minimum
 - 4.10 28 mph approximate road speed in high forward gear.
 - 4.11 Transmission bottom guard/pan with side plates.

NOTE: State maximum forward road speed in MPH in response

5. DIFFERENTIAL AND FINAL DRIVE

There are two (2) acceptable Differentials and Final Drives

- A.
 - 5.1 Selectable operator controlled or automatic differential lock (hydraulic activated)
 - 5.2 Inboard planetary in cooled filtered oil.
- B.
 - 5.3 No spin automatic locking/unlocking differential
 - 5.4 Planetary final drive

6. TANDEMS

- 6.1 Steel box, oil bath design
- 6.2 Tandem oscillation approximately 20 degrees
- 6.3 Roller chain tandem drive

NOTE: State degree of tandem oscillation in Forward and Reverse in response.

7. **BRAKES**

There are two (2) acceptable brake systems.

- A. 7.1 Four-wheel independent brakes
- 7.2 Power boosted, self-adjusting
- 7.3 Parking brake required, able to hold weight of machine on slope
- 7.4 A warning light and audible horn to warn of low brake hydraulic pressure or low air assist pressure.
- B. 7.5 Individual tandem brakes (effective on all four tandem wheels)
- 7.6 Power assisted, wet disc, self-adjusting
- 7.7 Parking brake effective on all four tandem wheels, able to hold weight on slope
- 7.8 A warning light and audible horn to warn of low brake hydraulic pressure or low air assist pressure.

8. **TIRES AND WHEELS**

- 8.1 Wheels to be interchangeable throughout (10 inch rims)
- 8.2 14.00 x R24 Radial Bridgestone V-Steel Ultra Traction
- 8.3 One piece rim not acceptable

9. **STEERING SYSTEM**

- 9.1 Steering valve shall be electric over hydraulic, joystick controlled.
- 9.2 Steering 42 degrees to right or left minimum
- 9.3 Full hydraulic, power articulation
- 9.4 Frame articulation 20 degrees to right or left minimum
- 9.5 Frame articulation at rear of cab
- 9.6 Full hydraulic wheel lean
- 9.7 Wheel lean angle 18 degrees to right or left minimum
- 9.8 Turning radius measure to outside of front tires 26' maximum

NOTE: State turning radius in response.

10. **FRONT AXLE**

- 10.1 Heavy duty steel construction
- 10.2 30 degree oscillation, total minimum

- 10.3 22" ground clearance minimum
- 10.4 Axle of sufficient strength to allow mounting of V-plow

11. MOLDBOARD

- 11.1 High-carbon steel construction
- 11.2 14' x 27" x 1" minimum
- 11.3 AASHTO standard hole spacing for cutting edge
- 11.4 Bolt-on end bits
- 11.5 Hydraulic side shift left and right
- 11.6 Hydraulic blade tip
- 11.7 Hydraulic moldboard lifts to have float capability
- 11.8 Hydraulic saddle rotation
- 11.9 Ends of moldboard must be visible from a sitting position during normal road maintenance operation

12. BLADE RANGES (14 FOOT MOLDBOARD W/O EXTENSIONS)

- 12.1 Lift above ground 17 inches minimum
- 12.2 Cutting depth 17 inches minimum
- 12.3 Blade pitch variable through 40 degrees forward and 5 degrees rearward minimum
- 12.4 Bank cutting angle 90 degrees minimum right and left side
- 12.5 360 degrees circle rotation
- 12.6 Blade side shift right 25 inches minimum
- 12.7 Blade side shift left 20 inches minimum
- 12.8 Reach outside rear tires right side 77 inches minimum
- 12.9 Reach outside rear tires left side 70 inches minimum
- 12.10 All blade ranges must be accomplished from the cab, without any manual adjustments
- 12.11 Circle to have replaceable wear strips in shoes, minimum of 6 shoes
- 12.12 Circle drive to have slip clutch
- 12.13 Blade side shift to have replaceable bronze inserts

NOTE: Reach determined with machine in straight position

13. REAR ATTACHMENT CONTROLS

- 13.1 Extra hydraulic valve installed to be used for Lancaster County fabricated hydraulic drag lift.
Vendor to provide hydraulic lines to the rear of the machine
- 13.2 Rear attachment/ Drag lift control to be within easy reach of the operator

14. CAB AND RELATED EQUIPMENT

- 14.1 Low profile design not to exceed 11 ft. 2 in.
- 14.2 Sound suppression design with deluxe insulation
- 14.3 Operator's sound exposure with cab doors and windows closed shall not exceed 81 dba when tested at rated speed using SAE J88 or SAEJ919 standard test.
- 14.4 Cab to be steel construction
- 14.5 Fully enclosed, shock mounted
- 14.6 ROPS structure to be integral with cab and meet or exceed SAE J396, SAE 1040 April 88 and ISO 3741-1986
- 14.7 Implement control valves shall be electric over hydraulic, joystick controlled.
- 14.8 Warning horn
- 14.9 40,000 BTU high output two-speed heater
- 14.10 Front defroster fan (if available)
- 14.11 Rear defroster fan or integrated electric rear window defroster
- 14.12 Highest output Factory installed air conditioner with pressurized/ filter
- 14.13 Tinted safety glass throughout
- 14.14 Windows to provide a full view of moldboard and road in front
- 14.15 Windows to provide side view and rear vision
- 14.16 Deluxe posture contour fabric air suspension seat with arm rests and retractable 3 inch seat belt
- 14.17 Key-locking door latches and complete vandalism protection for all compartments
- 14.18 Handrails and access steps
- 14.19 Front and rear upper and lower windshield washers and wipers
- 14.20 Heavy duty rubber floor mat
- 14.21 Inside mounted rear-vision mirror
- 14.22 Outside mounted, both sides, heated side view mirrors
- 14.23 Hand and foot throttle control
- 14.24 AM/FM radio with weather band

14.25 All sun visors and anti-glare devices available to be provided

NOTE: State cab height with 14.00 x 24 tires in response.

NOTE: Please state decibel level in operator's position per SAE standards under full load with doors open in response.

NOTE: Please state decibel level in bystander's position of 7.5 meters from middle side of unit, per SAE standards in response.

15. INSTRUMENTS, GAUGES, AND METERS

- 15.1 Engine hour meter
- 15.2 Ammeter or voltmeter
- 15.3 Engine oil pressure and transmission pressure gauge
- 15.4 Engine temperature gauge and transmission temperature gauge
- 15.5 Hydraulic temperature gauge and hydraulic filter restriction indicator
- 15.6 Articulation indicator
- 15.7 Brake system audible warning and indicator light
- 15.8 Key-locking starter
- 15.9 Fuel level gauge
- 15.10 Lift arm lock disengage indicator
- 15.11 Parking brake on indicator
- 15.12 Visual/audible warning system.
 - 15.12.1 Electronic monitoring system to warn operator of problems and if immediate shutdown is required
- 15.13 Differential lock indicator

16. LIGHTING

- 16.1 Two (2) front seal beam halogen driving lights (must be mounted for proper operation over snow plow)
- 16.2 Two (2) Cab roof mounted halogen driving lights
- 16.3 Two (2) front seal beam halogen work lights
- 16.4 Two (2) rear seal beam work lights
- 16.5 Two (2) rear stop and tail lights
- 16.6 Two (2) double-faced turn and warning lights (four-way flashers)
- 16.7 Cab mounted dome light
- 16.8 Instrument panel light

17. WEIGHT AND DIMENSIONS BASE WEIGHT TO INCLUDE CAB, STANDARD EQUIPMENT, FUEL LUBRICANTS AND EQUIPMENT AS SPECIFIED

- 17.1 Basic operating weight 36,000 lbs. minimum
- 17.2 Weight on front wheels 9,400 lbs. minimum
- 17.3 Weight on rear wheels 26,600 lbs minimum
- 17.4 Overall length 29'2" maximum (not including lift group)
- 17.5 Overall width 8' 6" maximum
- 17.6 Overall height 11' 2" maximum

18. PAINT

- 18.1 Two (2) coats of primer
- 18.2 One (1) coat manufacturers standard color

19. MANUALS

- 19.1 All Manuals supplied must be Hard Copy, No Exceptions
- 19.2 One (1) complete service manual
- 19.3 Three (3) complete parts manuals
- 19.4 Three (3) complete operator's manuals

20. MISCELLANEOUS EQUIPMENT

- 20.1 Factory installed engine coolant heater, 120 VAC
- 20.2 Electric back-up alarm
- 20.3 Tool box
- 20.4 Slow moving vehicle sign
- 20.5 Lift Group, front mounted (mounted in front of front wheels) shall be provided.
 - 20.5.1 The lift group will be Balderson Brand (or equivalent), top lifting type, and quick attaching.
 - 20.5.2 Scarifier Attachment, Balderson Brand (or equivalent) quick disconnect, with Five (5) Shanks, and Five (5) Cutting Bits
 - 20.5.3 Vendor will ensure their lift group works with County owned equipment (Road Shoulder Retriever, and V-Plow).

20.5.4 The lift group will be controlled hydraulically from the cab, and be within easy reach of the operator.

20.5.5 A Second hydraulic circuit and control valve will be provided at the front of the machine for use with Balderson style quick hitch mounted County owned Gravel Retrievers, and will be controlled from cab, and will be within easy reach of the operator. (County will plumb the needed lines to the attachment, including the quick couplers)

20.5.6 The lift group controls will hydraulic pressure up, down, and float.

20.6 Protective Belly Pan with Side plates

20.7 Rear Hitch with Hitch Pin

20.8 20 amp/12 VDC output power convertor for powering 2-way radio.

20.9 Wiring will be provided for 2-Way Radio.

20.9.1 Fused 20 Amp Feed wire, four (4) foot in length.

20.9.2 Ground wire, four (4) foot in length.

20.9.3 Ends of wires heat shrunk, and coiled in cab.

20.10 Back-up Camera and Cab mounted Monitor within easy sight of operator.

21. TRADE IN COUNTY OWNED EQUIPMENT

The County offers the following equipment as trade in allowance on the new equipment. All equipment offered is on an as-is, where-is, basis with no warranty either indicated or implied. Vendor shall incorporate the trade-in cost of each of the used machines listed below into one each of the new machines being requested.

21.1 Lancaster Co. Unit No. 331, 2004 John Deere 770CH, S/N DW770CH591679

21.2 Lancaster Co. Unit No. 337, 2004 John Deere 770CH, S/N DW770CH591754

NOTE: Above listed equipment may be seen by contacting Bill Fleisher or Ron Bohaty at Lancaster County Shop, 444 Cherry Creek Rd., Lincoln, Ne. 68528, Phone (402) 441-7797.

22. WARRANTY

- 22.1 Full parts and labor machine warranty for first twelve (12) months, unlimited hours starting from the date of acceptance.
- 22.2 Extended Warranty for additional four (48) months or 7,500 hours starting when original twelve (12) month warranty expires.
 - 22.2.1 Cover's parts and labor for Engine, all engine internal components, cylinder block, cylinder heads, balancer, covers and pans, flywheel, oil cooler, exhaust and intake manifolds, fuel injectors and injector pump, transfer/lift pump, fuel lines and injector lines, turbocharger, aftercooler, air lines and pipes, governor and drive, governor speed controls and linkage, oil filter base housing, fan, fan drive, fan motor, water pump, thermostat, radiator, muffler, fuel tank and related components, coolant hoses/lines, oil hoses/lines, senders/solenoids/sensors, ECM, DPF filter, emission control components, air compressor, air conditioning compressor and condenser.
 - 22.2.2 Cover's parts and labor for Transmission, all internal transmission components, transfer case and internal components, transmission case/housing, hydraulic and electronic controls, transmission oil cooler, filter housing/base, transmission oil lines, torque converter, hydrostatic drive pump and motors, and joystick directional controls.
 - 22.2.3 Cover's parts and labor for Drivetrain, differential case/housing, all internal differential components, axle housings, axles/shafts/seals, differential and final drive coolers, drive train oil lines, final drive case/chains/gears, universal joints, swing gear.
 - 22.2.4 Cover's parts and labor for Hydraulics, pumps, motors, cylinders, valves, accumulators, lines/hoses/fittings/swivels, electronic controls, pilot valve, hydraulic tank, filter housing/base, cooler, cooler hoses, steering valve and gear.

22.2.5 Cover's parts and labor for Additional components, power steering module, steering linkage, tie-rods, cross slope control, equalizer bar and support, equalizer bar center pin support, stabilizer, suspension control and control valve, suspension cylinder, grad control, traction control system, protection devises/alarms, speed sensors, brake control valves and lines, brake accumulator, wet brake assemblies, parking brake and components, steering column and controls, seat, gauges, indicators, instruments, circuit boards, wiring harnesses, switches, relays, circuit breakers, fuse/circuit panels, chassis and implement frames, weldments, main frame, starter motor, starter solenoid, alternator, battery cables/terminals, start switch, main power relay, regulator.

Vendor shall attach warranty provisions with the response which correlate with the requirements listed above.

NMC Salvage List

\$ 69,395 Avg.

CATERPILLAR 140H VHP Auction Results

Number of Matches: 3 | This Page: 1 of 1

Motor Graders

Graders are responsible for producing a nice flat grade on construction projects. They're also used for maintaining dirt and gravel roads and helping to construct pave roads.

[Read More](#)

CLICK HERE FOR RENTAL UNITS



Unit #1

1999 CAT 140H VHP

frt aux hyd, accum, 14 ft MB, w/2 ft ext, LoPro A/C cab, ripper, 14R24

Hours: 19,930 **Price:**

Serial Number: **USD \$72,500**

2ZK04533 Auction: Thu, March 17,

Condition: Used 2016 - Fri, March 18, 2016

RITCHIE BROS AUCTIONEERS

Denver, Colorado

+1 800-211-3983

465.2 miles from you

Get Insurance

Use with Escrow

[View Details](#)

Updated: Wed, March 23, 2016 4:50 AM

Unit #2

1997 CAT 140H VHP

PB, 14 ft MB, accum, ripper, 14.00R24

Hours: 22,630 **Price:**

Serial Number: **USD \$77,500**

2ZK02772 Auction: Tue, March 29,

Condition: Used 2016

RITCHIE BROS AUCTIONEERS

Albuquerque, New Mexico

+1 800-211-3983

707.5 miles from you

Get Insurance

Use with Escrow

[View Details](#)

Updated: Mon, April 25, 2016 4:23 PM

Unit # 3

2000 CAT 140H VHP

14 ft MB, A/C cab, ripper/scarifier, 14.00R24

Hours: 20,130

Price:

Serial Number: **USD \$58,187**

2ZK04839

Auction: Tue, June 13,

Condition: Used 2017 - Wed, June 14,
2017

RITCHIE BROS

AUCTIONEERS

Edmonton, Alberta,

Canada

+1 800-211-3983

**1172.0 miles from
you**

 **CATERPILLAR**

 **Use with
Escrow**

[View Details](#)

Updated: Wed, June 14, 2017 1:54 PM

If you need to get a nice flat grade on a construction project, then motor graders are the vehicles you're looking for. These versatile machines are used to maintain dirt and gravel roads, and they're used in the process of constructing paved roads. But you'll also find them on farms and even driving down highways and city streets helping with snow removal. Where bulldozers and other pieces of machinery start with the rougher work, motor graders come in near the end to put on the finishing touches.

As an example of motor graders for sale, the Caterpillar M Series motor graders have base power ranging from 138 horsepower up to 533 horsepower, operating weights from roughly 40,000 pounds up to nearly 150,000 pounds, and blade widths from 12 feet up to 24 feet. John Deere G-Series motor graders are also common and offer maximum power of up to 300 horsepower, operating weights up to 46,000 pounds, and blade pull capabilities of up to 49,500 pounds. Some other manufacturers of graders include Champion, Galion, Komatsu, and Volvo.

Fuel Usage

State of NE Reports

Washington County		Deere 770GP	
Machine			99
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours	1602	1533	
Fuel	6147	5713	
GPH	3.837	3.727	
Average GPH			3.78
Machine			105
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours	1092	1425	
Fuel	5317	5834	
GPH	4.869	4.094	
Average GPH			4.48
Average GPH			4.132

Washington County		Cat 12M3	
Machine			80N
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours			913
Fuel			4040
GPH			4.425
Average GPH			4.42

Lancaster County		Cat 12M3	
Machine			327
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours	342	1531	
Fuel	1537	7782	
GPH	4.494	5.083	
Average GPH			4.79
Machine			341
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours	313	1532	
Fuel	1324	7016	
GPH	4.230	4.580	
Average GPH			4.40

Cass County		Deere 770GP	
Machine			99
Date	7-1-15 to 6-30-16	7-1-16 to 6-30-17	
Hours	677		
Fuel	2915		
GPH	4.306		
Average GPH			4.31

Average GPH 4.219

John Deere

Average GPH

CAT 4.54

STATE OF NEBRASKA CONTRACT AMENDMENT

State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508

Telephone: (402) 471-6500
Fax: (402) 471-2089

CONTRACT NUMBER
14192 OC

Life Cycle Award

PAGE 1 of 3	ORDER DATE 03/02/17
BUSINESS UNIT 9000	BUYER RENE BOTTS (AS)
VENDOR NUMBER: 506069	
VENDOR ADDRESS: NEBRASKA MACHINERY CO DBA NMC INC PO BOX 83330 LINCOLN NE 68501-3330	

THE CONTRACT PERIOD IS:

MARCH 05, 2017 THROUGH MARCH 04, 2018

THIS CONTRACT HAS BEEN AMENDED PER THE FOLLOWING INFORMATION:

NO ACTION ON THE PART OF THE CONTRACTOR NEEDS TO BE TAKEN AT THIS TIME. ORDERS FOR THE MATERIALS AND/OR SERVICES WILL BE MADE AS NEEDED BY THE VARIOUS AGENCIES OF THE STATE.

THIS CONTRACT IS NOT AN EXCLUSIVE CONTRACT TO FURNISH THE MATERIALS AND/OR SERVICES SHOWN BELOW, AND DOES NOT PRECLUDE THE PURCHASE OF SIMILAR MATERIALS AND/OR SERVICES FROM OTHER SOURCES.

THE STATE RESERVES THE RIGHT TO EXTEND THE PERIOD OF THIS CONTRACT BEYOND THE TERMINATION DATE WHEN MUTUALLY AGREEABLE TO THE CONTRACTOR AND THE STATE OF NEBRASKA.

Original/Bid Document 4883 OF

Contract to supply and deliver Motor Grader and Accessories to the State of Nebraska as per the attached specifications for the contract period March 5, 2017 through March 4, 2018. The contract may be renewed for two (2) additional one (1) year periods when mutually agreeable to the vendor and the State of Nebraska.

Vendor Contact: Tim Rees
Phone: 402-891-7643
Fax: 402-891-7731
E-Mail: timrees@nmccat.com

THIS IS THE SECOND RENEWAL OF THE CONTRACT AS AWARDED. (3/2/17 vc)

AMENDMENT TWO AS ATTACHED. (vc 3/2/17)

Line	Description	Estimated Quantity	Unit of Measure	Unit Price
1	REAR WHEEL DRIVE MOTOR GRADER	3.0000	EA	235,604.0000
2	DEDUCT FOR NO EQUIPMENT SHOP REPAIR MANUAL PER UNIT	3.0000	EA	-635.0000
3	DEDUCT FOR NO ENGINE SHOP REPAIR MANUAL PER UNIT INCLUDED IN LINE 2	3.0000	EA	0.0000
4	DEDUCT FOR NO EQUIPMENT PARTS MANUAL PER UNIT	3.0000	EA	-68.0000

René P. Botts 3/2/2017
BUYER
[Signature] 3/13/17
MATERIEL ADMINISTRATOR

STATE OF NEBRASKA CONTRACT AMENDMENT

State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508

Telephone: (402) 471-6500
Fax: (402) 471-2089

PAGE 2 of 3	ORDER DATE 03/02/17
BUSINESS UNIT 9000	BUYER RENE BOTTS (AS)
VENDOR NUMBER: 506069	

CONTRACT NUMBER
14192 OC

Line	Description	Estimated Quantity	Unit of Measure	Unit Price
5	DEDUCT FOR NO ENGINE PARTS MANUAL PER UNIT INCLUDED IN LINE 4	3.0000	EA	0.0000
6	DEDUCT FOR GRADER TYPE TIRES STEEL BELTED RADIALS OF 14.00R	3.0000	EA	-3,892.0000
7	DEDUCT SECTION 22, PARAGRAPH C ALL TRANSPORTATION COST TO AND FROM THE NEAREST AUTHORIZED REPAIR FACILITY AND TRAVEL TIME AND MILEAGE WILL BE THE RESPONSIBILITY OF THE PURCHASER.	3.0000	EA	-3,685.0000
8	RIGHT WING ATTACHMENT	3.0000	EA	21,211.0000
9	V-PLOW ATTACHMENT	3.0000	EA	6,384.0000
10	STRAIGHT DOZER BLADE ATTACHMENT	3.0000	EA	7,975.0000
11	ANGLE DOZER BLADE ATTACHMENT	3.0000	EA	17,426.0000
12	SCARIFIER ATTACHMENT	3.0000	EA	3,702.0000
13	SPARE TIRE WITH RIM MICHELIN SNO-PLUS AS IN BASE SPEC	3.0000	EA	2,645.0000
14	AUXILIARY HYDRAULIC VALVE WITH LINES TO FRONT OF MACHINE	3.0000	EA	3,196.0000
15	TALL LIGHT BARS WITH LIGHTS ON FRONT FOR USE WITH SNOW PLOW INCLUDED IN LINE 1	3.0000	EA	0.0000
16	FRONT FENDERS	3.0000	EA	2,370.0000
17	REAR FENDERS	3.0000	EA	2,887.0000
18	MINIMUM 60 INCH HIGH BENCHING WING IN LIEU OF RIGHT HAND WIN INCLUDED IN LINE 1	3.0000	EA	0.0000
19	GRADE CONTROL PACKAGE ALLOWS THE OPERATOR TO MANUALLY CONTROL ONE END OF THE BLADE WHILE AUTOMATICALLY MAINTAINING THE DESIRED SLOPE OR GRADE OR "CROSS SLOPE". ALSO ALLOWS GRADER TO BE EQUIPPED WITH	3.0000	EA	8,035.0000


BUYER INITIALS

STATE OF NEBRASKA CONTRACT AMENDMENT

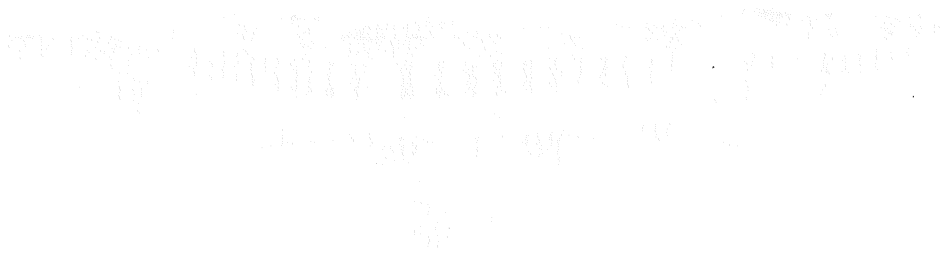
State Purchasing Bureau
 1526 K Street, Suite 130
 Lincoln, Nebraska 68508

Telephone: (402) 471-6500
 Fax: (402) 471-2089

CONTRACT NUMBER
 14192 OC

PAGE		3 of 3
ORDER DATE		03/02/17
BUYER		RENE BOTTS (AS)
BUSINESS UNIT		9000
VENDOR NUMBER:		506069

Line	Description	Estimated Quantity	Unit of Measure	Unit Price
	SONIC, LASER OR GPS CONTROLS.			



BUYER INITIALS

RB

AMENDMENT TWO
 CONTRACT 14192 OC
 Motor Grader and Accessories for the State of Nebraska
 Between
 The State of Nebraska and Nebraska Machinery Company DBA NMC INC.

This Amendment (the "Amendment") is made by the State of Nebraska and Nebraska Machinery Company DBA NMC INC., parties to Contract 14192 OC (the "Contract"), and upon mutual agreement and other valuable consideration the parties agree to and hereby amend the contract as follows:

Line 1, is deleted and replaced as follows below, effective March 5, 2017.

Line	Description	Unit of Measure	Unit Price
1	REAR WHEEL DRIVE MOTOR GRADER MAKE: CATERPILLAR Model: 12M3	EA	235,604.0000

This amendment and any attachments hereto will become part of the Contract. Except as set forth in this Amendment, the Contract is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this amendment and the Contract or any earlier amendment, the terms of this amendment will prevail.

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date of execution by both parties below.

State of Nebraska

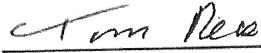
By:  _____

Name: Bo Botelho

Title: Materiel Administrator

Date: 3/1/17

Contractor: Nebraska Machinery Company
DBA NMC INC.

By:  _____

Name: Tim Bross

Title: NMC Parts & Sales Rep.

Date: 2-17-17

AMENDMENT ONE
 CONTRACT 14192 OC
 Motor Grader and Accessories for the State of Nebraska
 Between
 The State of Nebraska and Nebraska Machinery Company DBA NMC INC.

This Amendment (the "Amendment") is made by the State of Nebraska and Nebraska Machinery Company DBA NMC INC., parties to Contract 14192 OC (the "Contract"), and upon mutual agreement and other valuable consideration the parties agree to and hereby amend the contract as follows:

Lines 1, 14, 16, 17, and 19 are deleted and replaced as follows below, effective January 14, 2016.

Line	Description	Unit of Measure	Unit Price
1	REAR WHEEL DRIVE MOTOR GRADER MAKE: CATERPILLAR Model: 12M3	EA	222,850.0000
14	AUXILIARY HYDRAULIC VALVE WITH LINES TO FRONT OF MACHINE	EA	3,196.0000
16	FRONT FENDERS	EA	2,370.0000
17	REAR FENDERS	EA	2,887.0000
19	GRADE CONTROL PACKAGE ALLOWS THE OPERATOR TO MANUALLY CONTROL ONE END OF THE BLADE WHILE AUTOMATICALLY MAINTAINING THE DESIRED SLOPE OR GRADE OR "CROSS SLOPE". ALSO ALLOWS GRADER TO BE EQUIPPED WITH SONIC, LASER OR GPS CONTROLS	EA	8,035.0000

This amendment and any attachments hereto will become part of the Contract. Except as set forth in this Amendment, the Contract is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this amendment and the Contract or any earlier amendment, the terms of this amendment will prevail.

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date of execution by both parties below.

State of Nebraska

Contractor: Nebraska Machinery Company
DBA NMC INC.

By: Marilyn Bottrell

By: Tom Piers

Name: Marilyn Bottrell

Name: Tom Piers

Title: Material Administrator

Title: Sales Rep NMC

Date: 1-19-16

Date: 1-6-16

STANDARD CONDITIONS AND TERMS OF BID SOLICITATION AND OFFER Invitations to Bid and Contract Awards

It is the responsibility of the bidder to check the website for all information relevant to this solicitation to include addenda and/or amendments issued prior to the opening date. Website address: <http://www.das.state.ne.us/materiel/purchasing/purchasing.htm>

SCOPE- These standard conditions and terms of bid solicitation and acceptance apply in like force to this inquiry and to any subsequent contract resulting therefrom.

PRICES- Prices quoted shall be net, including transportation and delivery charges fully prepaid by the bidder, F.O.B. destination named in the Invitation to Bid. No additional charges will be allowed for packing, packages or partial delivery costs. When an arithmetic error has been made in the extended total, the unit price will govern.

EXECUTION- Bids must be signed in ink by the bidder on the State of Nebraska's Invitation to Bid form. All bids must be typewritten or in ink on the State of Nebraska's Invitation to Bid form. Erasures and alterations must be initiated by the bidder in ink. No telephone or voice bids will be accepted. Failure to comply with these provisions may result in the rejection of the bid.

FACSIMILE DOCUMENTS- The State Purchasing Bureau will only accept facsimile responses to Invitations to Bid on bids under \$25,000 and up to ten (10) pages. However, two party sealed bids containing facsimile pages are acceptable. No direct facsimile solicitation responses will be accepted for a commodity contract.

VALID BID TIME- Bids shall be firm for a minimum of sixty (60) calendar days after the opening date, unless otherwise stipulated by either party in the Invitation to Bid.

DISCOUNTS- Prices quoted shall be inclusive of ALL trade discounts. Cash discount terms of less than thirty (30) days will not be considered as part of the bid. Cash discount periods will be computed from the date of receipt of a properly executed claim voucher or the date of completion of delivery of all items in a satisfactory condition, whichever is later.

PAYMENT- Payment will be made by the responsible agency in conjunction with the State of Nebraska Prompt Payment Act 81-2401 through 2408. The State may request that payment be made electronically instead of by state warrant.

COLLUSIVE BIDDING- The bidder guarantees that the prices quoted have been arrived at without collusion with other eligible bidders and without effort to preclude the State of Nebraska from obtaining the lowest possible competitive price.

LUMP SUM OR ALL OR NONE BIDS- The State reserves the right to purchase item-by-item, by groups or as a total when the State may benefit by so doing. Bidders may submit a bid on an "all or none" or "lump sum" basis but should also submit a bid on an item-by-item basis. The term "all or none" means a conditional bid which requires the purchase of all items on which bids are offered and bidder declines to accept award on individual items; a "lump sum" bid is one in which the bidder offers a lower price than the sum of the individual bids if all items are purchased but agrees to deliver individual items at the prices quoted.

SPECIFICATIONS- Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for reference and not intended to limit competition, but will be used as the standard by which equivalent material offered will be judged. The State Purchasing Director will be the sole judge of equivalency. The bidder may offer any brand which meets or exceeds the specification. When a specific product is required, the Invitation to Bid will so state. Any item bid is to be the latest current model under standard production at the time of order. No used or refurbished equipment will be accepted, unless otherwise stated.

ALTERNATE/EQUIVALENT BIDS- Bidder may offer bids which are at variance from the express specifications of the Invitation to Bid. The State reserves the right to consider and accept such bids if, in the judgement of the State Purchasing Director, the bid will result in goods and/or services equivalent to or better than those which would be supplied in the original bid specifications. Bidders must indicate on the Invitation to Bid the manufacturer's name, number and shall submit with their bid, sketches, descriptive literature and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. Bids which do not comply with these requirements are subject to rejection. In the absence of any stated deviation or exception, the bid will be accepted as in strict compliance with all terms, conditions and specifications, and the bidder shall be held liable therefore.

SAMPLES- When requested, samples shall be furnished at the bidders expense prior to the opening of the bid, unless otherwise specified. Each sample must be labeled clearly and identify the bidders name, the Invitation to Bid number and the item number. Samples submitted must be representative of the commodities or equipment which would be delivered if awarded the bid. The State of Nebraska reserves the right to request samples even though this may not have been set forth in the Invitation to Bid. Samples not destroyed in testing will be returned at bidders expense, if requested, or will be donated to a public institution.

RECYCLING- Preference will be given to items which are manufactured or produced from recycled material or which can be readily reused or recycled after their normal use as per State Statute Section 81-15,159.

LATE BIDS- All bids will be time and date stamped upon receipt by the State Purchasing Bureau, and this shall be the official time and date of receipt. Bids received after the time of the bid opening will be considered late bids and will be returned to the bidder unopened. The State Purchasing Bureau is not responsible for late bids or lost requests due to mail service inadequacies, traffic or other similar reasons.

BID OPENING- Openings shall be public on the date and time specified on the Invitation to Bid form. It is the bidder's responsibility to assure the bid is delivered at the designated date, time and place of the bid opening. Telephone bids are not acceptable. A bid may not be altered after opening of the bids.

NO BID- If not submitting a bid, respond by returning the Invitation to Bid form explaining the reason in the space provided. Failure to respond to an Invitation to Bid may be cause for the removal of the bidder's name from the mailing list. NOTE: To qualify as a respondent, bidder must submit a "NO BID" and it must be received no later than the stated bid opening date and time.

AWARD- All purchases, leases, or contracts which are based on competitive bids will be awarded to the lowest responsible bidder, determined according to the provisions of State Statute Section 81-161, R.R.S. 1943. The State reserves the right to reject any or all bids, wholly or in part and to waive any deviations or errors that are not material, do not invalidate the legitimacy of the bid and do not improve the bidders competitive position. All awards will be made in a manner deemed in the best interest of the State.

BID TABULATIONS- Tabulations will be furnished upon written request. A self-addressed, stamped envelope which must include the agency and solicitation number must be enclosed. Bid tabulations will not be provided by telephone or facsimile. Bid files may be examined during normal working hours by appointment. Bid tabulations are available on the website at: <http://www.das.state.ne.us/materiel/purchasing/bidtabs.htm>

PERFORMANCE AND DEFAULT- The State reserves the right to require a performance bond from the successful bidder, as provided by law, without expense to the State. Otherwise, in case of default of the contractor, the State may procure the articles from other sources and hold the contractor responsible for any excess cost occasioned thereby.

IN-STATE PREFERENCE- A resident bidder shall be allowed a preference against a nonresident from a state which gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the nonresident bidders. Where the lowest responsible bid from a resident bidder is equal in all respects to one from a nonresident bidder from a state which has no preference law, the resident bidder shall be awarded the contract.

NONDISCRIMINATION- The Nebraska Fair Employment Practice Act prohibits contractors of the State of Nebraska, and their subcontractors, from discriminating against any employee or applicant for employment, to be employed in the performance of such contracts, with respect to hire, tenure, terms, conditions or privileges of employment because of race, color, religion, sex, disability, or national origin. (State Statute Sections 48-1101 through 48-1125) The bidder guarantees compliance with the Nebraska Fair Employment Practice Act, and breach of this provision shall be regarded as a material breach of contract. The contractor shall insert a similar provision in all subcontracts for services to be covered by any contract resulting from this Invitation to Bid.

TAXES- Purchases made by the State of Nebraska are exempt from the payment of Federal Excise Taxes, and exemption certificates will be furnished on request. State and local taxes are exempt by State Statute Section 77-2704 (i) (m) R.R.S. 1943 and must not be included in the bid prices. Exemption by statute precludes the furnishing of State exemption certificates.

DRUG POLICY - Bidder certifies that it maintains a drug free work place environment to ensure worker safety and workplace integrity. Contractor agrees to provide a copy of its drug free workplace policy at any time upon request by the State.

GRIEVANCE AND PROTEST- Grievance and protest procedure is available by contacting the buyer. Protest must be filed within ten (10) days of award.

NE ACCESS TECHNOLOGY STANDARDS- Vendor agrees to ensure compliance with Nebraska Access Technology Standards. See website at:

<http://www.nitc.state.ne.us/standards/accessibility/>

Revised: 02/2004

State of Nebraska - INVITATION TO BID CONTRACT

Return to:
State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508
OR
P.O. Box 94847
Lincoln, NE 68509-4847
Telephone: 402-471-6500
Fax: 402-471-2089

Date	1/8/15	Page	1 of 5
Solicitation Number	4883 OF		
Opening Date and Time	02/06/15	2:00 pm	
Buyer	ANNETTE WALTON (AS)		

DESTINATION OF GOODS
MULTIPLE DELIVERY LOCATIONS
PLEASE REFER TO DOCUMENTATION
FOR DELIVERY ADDRESSES.

Per Nebraska's Transparency in Government Procurement Act, DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska contractors. This information is for statistical purposes only and will not be considered for contract award purposes.

NEBRASKA CONTRACTOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Contractor. "Nebraska Contractor" shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this ITB.

I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. §73-107 and wish to have preference, if applicable, considered in the award of this contract.

Contract to supply and deliver Motor Grader and Accessories to the State of Nebraska as per the attached specifications for a one (1) year period from date of award. The contract may be renewed for four (4) additional one (1) year periods when mutually agreeable to the vendor and the State of Nebraska. The State reserves the right to extend the period of this contract beyond the termination date when mutually agreeable to the vendor and the State of Nebraska.

The State may request that payment be made electronically instead of by state warrant. ACH/EFT Enrollment Form can be found at: <<http://www.das.state.ne.us/accounting/forms/achenrol.pdf>>

The Contractor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of employees physically performing services within the State of Nebraska. A federal immigration verification system mean the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Responsibility Act of 1996, 8 U.S.C. 1324a, known as E-Verify Program, or an equivalent federal program designed by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.

The contractor, by signature to the Invitation to Bid, certifies that the contractor is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any federal department or agency from participating in transactions (debarred). The contractor also agrees to include the above requirements in any and all subcontracts into which it enters. The contractor shall immediately notify the Department if, during the term of this contract, contractor becomes debarred. The Department may immediately terminate this contract by providing contractor written notice if contractor becomes debarred during the term of this contract.

If the Contractor is an individual or sole proprietorship, the following applies:

1. The Contractor must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at: <http://das.nebraska.gov/lb403/attestation_form.pdf>
2. If the Contractor indicates on such attestation form that he or she is a qualified alien, the Contractor agrees to provide the US Citizenship and Immigration Services documentation require to verify the Contractor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program
3. The Contractor understands and agrees that lawful presence in the United States is required and the Contractor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. §4-108.

No Bid Respond: () Remove From Class-Item OR () Keep Active For Class-Item

BIDDER MUST COMPLETE THE FOLLOWING

DISCOUNT PAYMENT TERMS: 0 % 30 DAYS

By signing this Invitation to Bid, the bidder agrees to the "Standard Conditions and Terms of Bid Solicitation and Offer" and is committed to provide a drug free work place environment. Vendor will furnish the items requested within 90 days after receipt of order. Failure to enter Delivery Date may cause quotation to be REJECTED.

Sign Tim Rees
Here (Authorized Signature MANDATORY - MUST BE SIGNED IN INK)

Enter Contact Information Below

VENDOR# 506069
VENDOR: NMC Inc
Address: 11002 Supp Bros. Drive
Omaha NE 68138

Contact Tim Rees
Telephone 402-891-7643
Facsimile 402-891-7731
Email timrees@nmcnet.com

State of Nebraska - INVITATION TO BID CONTRACT

Return to:
State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508
OR
P.O. Box 94847
Lincoln, NE 68509-4847
Telephone: 402-471-6500
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Date	1/8/15	Page	2 of 5
Solicitation Number	4883 OF		
Opening Date and Time	02/06/15	2:00 pm	
Buyer	ANNETTE WALTON (AS)		

DESTINATION OF GOODS
MULTIPLE DELIVERY LOCATIONS
PLEASE REFER TO DOCUMENTATION
FOR DELIVERY ADDRESSES.

The contract resulting from the Invitation to Bid shall incorporate the following documents:

1. Amendment to Contract Award with the most recent dated amendment having the highest priority;
2. Contract Award and any attached Addenda;
3. The signed Invitation to Bid form and the Contractor's bid response;
4. Amendments to ITB and any Questions and Answers; and
5. The original ITB document and any Addenda.

These documents constitute the entirety of the contract.

Unless otherwise specifically stated in a contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to Contract Award with the most recent dated amendment having the highest priority, 2) Contract Award and any attached Addenda, 3) the signed Invitation to Bid form and the Contractor's bid response, 4) Amendments to ITB and any Questions and Answers, 5) the original ITB document and any Addenda.

Any ambiguity in any provision of this contract which shall be discovered after its execution shall be resolved in accordance with the rules of contract interpretation as established in the State of Nebraska.

Once Invitations to Bid are opened they become the property of the State of Nebraska and will not be returned.

It is understood by the parties that in the State of Nebraska's opinion, any limitation on the contractor's liability is unconstitutional under the Nebraska State Constitution, Article XIII, Section III and that any limitation of liability shall not be binding on the State of Nebraska despite inclusion of such language in documents supplied by the contractor's bid response. State Statute §73-107 allows for a preference for a resident disabled veteran or business located in a designated enterprise zone. When a state contract is to be awarded to the lowest responsible bidder, a resident disabled veteran or a business located in a designated enterprise zone under the Enterprise Zone Act shall be allowed a preference over any other resident or nonresident bidder, if all other factors are equal.

Resident disabled veterans means any person (a) who resides in the State of Nebraska, who served in the United States Armed Forces, including any reserve component or the National Guard, who was discharged or otherwise separated with a characterization of honorable or general (under honorable conditions), and who possesses a disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense and (b)(i) who owns and controls a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection and (ii) the management and daily business operations of the business are controlled by one or more persons described in subdivision (a) of this subsection. Any contract entered into without compliance with this section shall be null and void.

Therefore, if a resident disabled veteran or business located in a designated enterprise zone submits a bid in accordance with Neb. Rev. Stat. §73-107 and has checked "yes" requesting priority/preference to be considered in the award of this contract, the following will need to be submitted by the vendor within 10 business days of request:

- a. Documentation from the United States Armed Forces confirming service,
- b. Documentation of discharge or otherwise separated characterization of honorable or general (under honorable conditions),
- c. Disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense; and
- d. Documentation which shows ownership and control of a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection; and the management and daily business operations of the business are controlled by one or more persons described in subdivision (a) of this subsection.

Failure to submit the requested documentation within 10 business days of notice will disqualify the bidder from consideration of the preference.

(bl 01/07/15)

State of Nebraska - INVITATION TO BID CONTRACT

Return to:
State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508
OR
P.O. Box 94847
Lincoln, NE 68509-4847
Telephone: 402-471-6500
Fax: 402-471-2089

Date	1/8/15	Page	3 of 5
Solicitation Number	4883 OF		
Opening Date and Time	02/06/15	2:00 pm	
Buyer	ANNETTE WALTON (AS)		

DESTINATION OF GOODS
MULTIPLE DELIVERY LOCATIONS
PLEASE REFER TO DOCUMENTATION
FOR DELIVERY ADDRESSES.

A response to this Solicitation is subject to, but not limited to, the included Standard Conditions and Terms. PLEASE READ CAREFULLY!

IT IS THE RESPONSIBILITY OF THE BIDDER TO REFER TO STATE PURCHASING BUREAU'S WEB SITE FOR ALL INFORMATION RELEVANT TO THIS SOLICITATION TO INCLUDE ADDENDA AND/OR AMENDMENTS THAT MAY BE ISSUED PRIOR TO THE OPENING DATE.

<http://www.das.state.ne.us/materiel/purchasing/purchasing.html>

Bid Tabulations are available on the internet at <http://www.das.state.ne.us/materiel/purchasing/bidtabs.htm>

This form is part of the specification package and must be signed and returned, along with all documents, by the opening date and time specified.

Any questions regarding this solicitation must be directed to State Purchasing Bureau, to the attention of the buyer. It is preferred that questions be sent via e-mail to matpurch.dasmat@nebraska.gov. Questions may also be sent by facsimile to 402-471-2089. Refer to specification for additional information.

No facsimile or email solicitation responses will be accepted.

INVITATION

Line	Description	Quantity	Unit of Measure	Unit Price	Extended Price
1	REAR WHEEL DRIVE MOTOR GRADER MAKE: <u>Caterpillar</u> MODEL: <u>12M3</u>	3,0000	EA	<u>215,315.⁰⁰</u>	<u>645,945.⁰⁰</u>
2	DEDUCT FOR NO EQUIPMENT SHOP REPAIR MANUAL PER UNIT	3,0000	EA	<u>635.⁰⁰</u>	<u>1905.⁰⁰</u>
3	DEDUCT FOR NO ENGINE SHOP REPAIR MANUAL PER UNIT	3,0000	EA	<u>Included Above</u>	<u>—</u>
4	DEDUCT FOR NO EQUIPMENT PARTS MANUAL PER UNIT	3,0000	EA	<u>68.⁰⁰</u>	<u>204.⁰⁰</u>
5	DEDUCT FOR NO ENGINE PARTS MANUAL PER UNIT	3,0000	EA	<u>Included Above</u>	<u>—</u>
6	DEDUCT FOR GRADER TYPE TIRES STEEL BELTED RADIALS OF 14.00R	3,0000	EA	<u>3892.⁰⁰</u>	<u>11,676.⁰⁰</u>
7	DEDUCT SECTION 22, PARAGRAPH C ALL TRANSPORTATION COST TO	3,0000	EA	<u>3685.⁰⁰</u>	<u>11,055.⁰⁰</u>
8	RIGHT WING ATTACHMENT	3,0000	EA	<u>21,211.⁰⁰</u>	<u>63,633.⁰⁰</u>

State of Nebraska - INVITATION TO BID CONTRACT

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INVITATION

Line	Description	Quantity	Unit of Measure	Unit Price	Extended Price
9	V-PLOW ATTACHMENT	3.0000	EA	<u>6384.⁰⁰</u>	<u>19,152.⁰⁰</u>
10	STRAIGHT DOZER BLADE ATTACHMEN	3.0000	EA	<u>7975.⁰⁰</u>	<u>23,925.⁰⁰</u>
11	ANGLE DOZER BLADE ATTACHMENT	3.0000	EA	<u>17,426.⁰⁰</u>	<u>52,278.⁰⁰</u>
12	SCARIFIER ATTACHMENT	3.0000	EA	<u>3702.⁰⁰</u>	<u>11,106.⁰⁰</u>
13	SPARE TIRE WITH RIM MICHELIN SNO-PLUS AS IN BASE SPEC	3.0000	EA	<u>2645.⁰⁰</u>	<u>7935.⁰⁰</u>
14	AUXILIARY HYDRAULIC VALVE WITH LINES TO FRONT OF MACHINE	3.0000	EA	<u>3088.⁰⁰</u>	<u>9264.⁰⁰</u>
15	TALL LIGHT BARS WITH LIGHTS ON FRONT FOR USE WITH SNOW PLOW	3.0000	EA	<u>Included</u>	<u>—</u>
16	FRONT FENDERS	3.0000	EA	<u>2292.⁰⁰</u>	<u>6876.⁰⁰</u>
17	REAR FENDERS	3.0000	EA	<u>2790.⁰⁰</u>	<u>8370.⁰⁰</u>
18	MINIMUM 60 INCH HIGH BENCHING WING IN LIEU OF RIGHT HAND WIN	3.0000	EA	<u>Included</u>	<u>—</u>
19	GRADE CONTROL PACKAGE (PLEASE STATE WHAT IS FURNISHED)	3.0000	EA	<u>7765.⁰⁰</u>	<u>23,295.⁰⁰</u>

*Allows the operator to manually control one end of the blade while automatically maintaining the desired slope or grade or "cross slope"
 Also allows grader to be equipped with sonic, laser or GPS Controls*

" See next page for other options "

Popular Caterpillar Options

Additional Work Lights	\$1050.00
Rear Camera	\$2575.00
Heated Out Side Mirrors	\$675.00
Deduct Manuel Front Lift Pins	\$-1745.00
Rear Hyd. Valve and lines	\$2220.00