

Pete Ricketts, Governor

## ADDENDUM TWO

Date: January 28, 2015  
To: All Bidders  
From: Annette Walton, Buyer  
State Purchasing Bureau  
RE: Addendum for ITB Number 4884 OF  
to be opened February 06, 2015 at 2:00 p.m.

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This Addendum revises Attachment One, Life Cycle Cost Analysis, of Invitation to Bid 4884 OF, Motor Grader and Accessories (see attached).

This addendum will become part of the ITB and should be acknowledged with the Invitation to Bid

**Maintenance Cost Work Sheet**

Item No.	Total Maintenance Costs - Indicate parts necessary to provide mainenance for XXXX hours. (Subject to Add or Delete items for consideration)	No. of Maint. Procedures Performed During Life Cycle of Unit	Vendor Supplied "Manufacturer's Suggested Retail Price" for Parts	Total Cost
1	Change Engine oil and filter(s)	36		\$ -
2	Lube Chassis (grease all zerks)	36		\$ -
3	Change Engine fuel filter(s) and sediment bowl	15		\$ -
4	Change Engine air filters	10		\$ -
5	Change Cab air filters	10		\$ -
6	change Hydraulic oil and filters	6		\$ -
7	Change Transmission oil and filters	6		\$ -
8	Change Differential oil	6		\$ -
9	Change Rear Tandem/Final Drive oil	6		\$ -
10	Repack Front wheel bearings include new seals	6		\$ -
11	change oil in front final drives if applicable	6		\$ -
12	Adjust Engine Valve clearance	2		\$ -
13	Replace Engine Belt(s)	3		\$ -
	Additional maintenance as mandated by the manufacturer for warranty compliance:			
9				
10				
11				
	<b>Total Life Cycle Maintenance Cost</b> (To be entered in Line 14)			\$ -

## **Instructions for Life-Cycle Cost Analysis - Heavy Equipment Vendor Submission Form**

### **State Agency Data use for Calculations:**

Line #1 - Projected Number of Months in Service – Provided by State Purchasing Bureau

Line #2 - Projected Number of Hours of Operation per Month – Provided by State Purchasing

Line #3 - Projected Total Number of Hours – Anticipated hours at the time of disposal provided by State Purchasing Bureau

Line #4 - Number of Maintenance Cycles Performed Per Year - Provided by State Purchasing

Line #5 - Fuel Cost-per-Gallon - (Data from U.S. Energy Information Administration the week of bid release.)

### **Net Cost**

Line #6 - Bid price – Must match ITB (Invitation to Bid) Line 1 – Bidder enters amount

Line #7 - Projected Salvage Value – Bidder enters amount. (Using Projected Total Hours & Projected Total Months)

Salvage value will be based on documented sale price(s) of the same or comparable equipment within previous twelve (12) months. Vendor(s) should submit documentation from at least three (3) sales within the U.S. Midwest region with the Invitation To Bid. All documentation will be required prior to award.

Line #8 - Net Cost – Bid Price less the Projected Salvage Value (Line 6 - Line 7)

### **Operating Costs**

#### **Fuel**

Line #9 - Estimated Fuel Use Rate (Gallons per Hour) "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented

Bidder should supply manufacturers documentation with the Invitation to Bid and will be required prior to award.

Line #10 - Projected Number of Hours – Provided by State Purchasing Bureau

Line #11 - Projected Total Gallons is the result of the estimated fuel use rate multiplied by the projected number of hours (Line 9 x Line 10)

Line #12 - Fuel Cost-per-Gallon (Data from U.S. Energy Information Administration the week of bid release.) Provided by State Purchasing Bureau

Line #13 - Total Estimated Fuel Cost is the result of the Projected Total Gallons multiplied by the Fuel Cost per Gallon (Line 11 x Line 12)

### **Estimated Maintenance Cost for Parts (Labor not included)**

Line #14 - Total Maintenance Cost – Bidder enters amount from Maintenance Cost Work Sheet.

Line #15 - Total Operating Cost is the sum Total Estimated Fuel Cost plus the Total Maintenance Cost (Line 13 + Line 14)

**Line #16 - Total Life-Cycle Cost is the Net Cost plus the Total Operating Cost (Line 8 + Line 15)**

**Line #17 - Life-Cycle Cost per Hour is the result of the Total Life-Cycle Cost divided by the Total Projected Hours (Line 16 / Line 3)**

**Life-Cycle Cost Analysis - Invitation to Bid # 4883 OF**  
**Item Description - Motor Grader and Accessories**

State Agency Data Use for Calculations		
1	<b>Projected Number of Months in Service:</b>	<b>180</b> Provided by State Purchasing Bureau
2	<b>Projected Number of Hours of Operation per Month</b>	<b>30</b> Provided by State Purchasing Bureau
3	<b>Projected Total Number of Hours</b>	<b>5,400</b> Provided by State Purchasing Bureau
4	<b>Number of Maintenance Cycles Performed Per Year</b>	<b>2</b> Provided by State Purchasing Bureau
5	<b>Fuel Cost-per-Gallon:</b> (Data from U.S. Energy Information Administration the week of bid release.)	<b>\$2.214</b> Provided by State Purchasing Bureau
<b>Net Cost</b>		
6	<b>Bid Price (Listed on ITB Line # 1)</b>	<b>Bidder enters amount</b>
7	<b>Projected Salvage Value</b> (Using Projected Total Hours & Projected Total Months) Salvage value will be based on documented sale price(s) of the same or comparable equipment within previous twelve (12) months. Vendor(s) should submit documentation from at least three (3) sales within the U.S. Midwest region with the Invitation To Bid. All documentation will be required prior to award.	<b>Bidder enters amount</b>
8	<b>Net Cost (Line 6 - Line 7)</b>	<b>\$ - Total Net Cost</b>
<b>Operating Costs</b>		
9	<b>Fuel</b> <b>Estimated Fuel Use Rate (Gallons Per Hour)</b> "Rated RPM Full Load" or Highest Consumption Rate Tested and Documented Bidder should supply manufacturers documentation with the Invitation to Bid and will be required prior to award.	<b>Bidder enters amount</b>
10	<b>Projected Number of Hours</b>	<b>5400</b> Provided by State Purchasing Bureau
11	<b>Projected Total Gallons (Line 9 x Line 10)</b>	<b>0</b>
12	<b>Fuel Cost-per-Gallon</b> (Data from U.S. Energy Information Administration the week of bid release.)	<b>\$2.214</b> Provided by State Purchasing Bureau
13	<b>Total Estimated Fuel Cost (Line 11 x Line 12)</b>	<b>\$ -</b>
14	<b>Estimated Maintenance Cost for Parts</b> (Labor not included)	<b>Bidder enters amount from Maintenance Cost Work Sheet</b>
15	<b>Total Operating Cost (Fuel + Maintenance)</b> (Line 13 + Line 14)	<b>\$0.00</b>
16	<b>Total Life-Cycle Cost</b> (Net Cost, Line 8 + Total Operating Cost, Line 15)	<b>\$0.00 Total Life-Cycle Cost</b>
17	<b>(Total Life-Cycle Cost divided by Total Hours) (Line 16/Line 3)</b>	<b>\$0.00 Life-Cycle Cost Per Hour</b>

In order to be considered for a Life-Cycle Cost Award, all Bidder fields must be completed. Additional supporting documentation may be requested.

In the event equipment performance does not meet the criteria as indicated, a Vendor Performance Report may be submitted by the purchasing agency and vendor suspension may occur.

Bidder Name: \_\_\_\_\_

I hereby certify the above to be true and accurate information.

Authorized Representative: \_\_\_\_\_ Date: \_\_\_\_\_

Signature