Welcome to tonight's City Council meeting!
The elected officials of the City of Bonners Ferry are appreciative of an involved constituency. Testimony from the public is encouraged concerning issues when addressed under the Public Hearing portion of the agenda. Any individual who wishes may address the council on any issue, whether on the agenda or not, during the Public Comments period. Normal business will preclude public participation during the business portion of the meeting with the discretion left to the Mayor and Council.

Vision Statement
Bonners Ferry, "The Friendliest City", strives to achieve balanced growth, builds on community strengths, respects natural resources, promotes excellence in Government, and values quality of life.

AGENDA
CITY COUNCIL MEETING
Bonners Ferry City Hall
7232 Main Street
267-3105
September 17, 2013
7:00 p.m.

PLEDGE OF ALLEGIANCE

PUBLIC HEARING

PUBLIC COMMENTS
Each speaker will be allowed a maximum of five minutes, unless repeat testimony is requested by the Mayor/Council

GUESTS

REPORTS
Police/Fire/City Administrator/Economic Development Coordinator/Urban Renewal District

CONSENT AGENDA
1. Call to Order/Roll Call
2. Approval of Bills and Payroll
3. Treasurer's Report
4. Approve September 3, 2013 Council Meeting Minutes

OLD BUSINESS
5. Electric – Reconsider Purchase of Voltage Regulators (attachment)
6. City – Second Reading of Ordinance for Business License Code Amendment (attachment)

NEW BUSINESS
7. City – Approve Catering Permit for Kootenai Tribe of Idaho dba Kootenai River Inn for the NRA Banquet on September 21, 2013 at the Fairgrounds (attachment)
8. Golf – Authorize Mayor to Sign Contract with Steve Howlett for Clubhouse Roof Repair (attachment)
9. Golf – Discuss Golf Mower Quotes (attachment)
10. Electric – Approve Participation in Clean Hydro Campaign (attachment)
11. Electric – Approval to Obtain Quotes for a Mini Excavator (attachment)
Date: 9 September 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Voltage Regulator.

At the last council meeting the Council approved the purchase of two voltage regulators. The price identified in the memo was incorrectly identified as $20,535. This was a typo, and the cost is $30,535 as was shown on the bid from Cooper Power Systems that was attached.

Therefore we are requesting the council reauthorize this purchase as the correct amount of $30,535.

SJB
Date: 30 August 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Voltage Regulator.

This memo is to recommend that the City purchase a two voltage regulators for the price $20,535. These would be sized to be used in any of our substations and match the one purchased last year so that we can replace an entire bank of regulators. We currently have four banks of three regulators (12 total) in service and their age is about 12 years since they were purchased or refurbished. Several of these bank are reaching 60,000 – 80,000 cycles and should be refurbished. This purchase will allow us to replace and entire bank and then refurbish our existing regulators one bank at a time. The City made the decision to standardize on Cooper Regulators with Cooper controls in the late 1990's and would like to maintain this standardization.

STB
Correct this at next council mtg.
S/b #30535
Cooper Power Systems is pleased to present our response to your request. The attached proposal is based on our interpretation of any specifications, drawings and/or other information provided to Cooper Power Systems.

Should you have any questions or require any additional information, please feel free to contact me at 262-524-3339. Cooper Power Systems appreciates the opportunity to provide a response to your inquiry and looks forward to receiving your order.

Sincerely,

APRIL KNUTH

cc:  JEFF S LINDGREN
     HD SUPPLY UTILITIES LTD

Revisions:
Proposal Details

Terms of Sale: FOB DESTINATION - FREIGHT PREPAID AND ALLOWED

Payment Terms: Net 30 days from invoice date

Proposal Valid Through: September 13, 2013

Orders are accepted subject to Cooper Power Systems Terms and Conditions of Sale that are included or have been provided previously to the buyer.

Proposal number and item number should be referenced on purchase order.

Quoted lead-times are based on current factory loading and are subject to change.

Lead-time: Shipment is based on receipt of all required order information at Cooper Power Systems. X and Y (where applicable) are defined in the Item Details for each line item on this proposal.

We now offer complete services for all your power distribution and automation needs. We have the industry's largest Electrical Power Equipment Manufacturer's Service Team, which provides 24-hour service. We provide start-up and commissioning; power system analysis including Arc Flash, Harmonics and other studies; preventive maintenance, testing and field trouble-shooting; multi-year service contracts; power system automation engineering, monitoring and training; aftermarket life extension solutions; as well as turnkey project capabilities. In addition to the services that we can provide for the equipment contained within this proposal, our Service Team is experienced on all manufacturers' electrical power distribution equipment, so please contact us about any electrical system problem. If you need immediate service, you can contact the Representative who provided this proposal.

The prices on this quote are valid per the Proposal Validity listed in the Proposal Details section of this proposal unless extended explicitly by Cooper Power Systems. Prices quoted are for shipment per lead-time shown on this Cooper Power Systems proposal. If there is a need to schedule the shipment later than the quoted lead-time, such as the use of the Approval drawing process, the price will be adjusted per the Cooper Product Index (CPI) in effect at the time of shipment. The CPI is available for your review on the Cooper Power Systems website: www.coopertower.com/cpi

Cooper Power Systems recommends for all transformer and regulator applications Envirotex FR3 dielectric fluid ("FR3") in lieu of naphthenic mineral oil because of FR3's superior biodegradability, firepoint and paper insulation life extension properties. Cooper Power Systems has provided a quote per your current specification, but will quote FR3 as a fluid option if requested.

Please note – Base Unit Catalog Number provided in this quote will NOT necessarily be the final order catalog number delivered to the customer. Upon receipt of an order, the Base Unit Catalog Number may be customized dependent upon the accessories that a customer has requested.

If FOB destination is required there will be a 2% price adder per unit.
Item Details

Rev 1 pricing.

Customer RFQ Information: WA341B2006AG
Outline Drawing: 4242600B1104 (for reference only)
Nameplate Drawing: B686652 (for reference only)

<table>
<thead>
<tr>
<th>Package Quantity</th>
<th>Customer Material Number</th>
<th>Catalog Number to Order</th>
<th>Per Package Price</th>
<th>Extended Price</th>
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<td>2</td>
<td>N/A</td>
<td>VRA341BCL61001146A</td>
<td>$15268.00 USD</td>
<td>$30535.00 USD</td>
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</table>

Lead-time (Per Lead-time definition in Proposal Details):
- Product Lead-time (X): 2-4 weeks ex-factory

Description:
- Regulator Identifier: WA341'B00500000000A (Qty: 1 Regulator)
- Configuration: Pole - ONAN Rated
- Voltage (V):
  - 7620
- Temperature Rise: 95
- BIL (kV): 415.3/466
- kVA: 546/612
- Losses: Std
- Tank Material: Std. All Mild Steel
- Bushing Attributes: Standard Bushings (Qty: 3)
- Bushings/Terminals: Bushing Connectors - #8-800MCM (Qty: 3)
- Arresters: Std. Series Arrester
- Birdguards: None
- Ground Connectors: Standard Ground Provisions
- Gauges: None
- Tank Type Revision: Round Tank
- Unit Special Feature Code: 0000

- Control Identifier: CL61'E000D100000005 (Qty: 1 Control)
- Control Type: CL-6B Control
- Control Usage: 1-Phase
- Control Language: English
- Port 1 Comms Card: DNP, 2179
- Port 1 Protocol: None
- Port 2 Comms Card: DNP, 2179
- Port 2 Protocol: One auxiliary I/O Interface - 1-Phase
- I/O Option: None
- Power / Battery: MS Standard box
- Box Type / Material: Standard 54" Control Cable
- Control Cable: 50μF (QD5 & QD8 Tap Changers)
- Tap Changer Capacitor: 0000

Phone: 262-524-3339  Fax: 770-266-7817
ORDINANCE NO. ______

AN ORDINANCE OF THE CITY OF BONNERS FERRY, A MUNICIPAL CORPORATION OF THE STATE OF IDAHO, AMENDING THE FEE CHARGED FOR A BUSINESS LICENSE AND PROVIDING FOR A YEARLY RENEWAL FEE; PROVIDING SEVERABILITY; PROVIDING THAT THIS ORDINANCE SHALL BE IN FULL FORCE AND EFFECT FROM AND AFTER ITS PASSAGE, APPROVAL AND PUBLICATION ACCORDING TO LAW.

WHEREAS, the Mayor and City Council have deemed it in the public interest to amend Bonners Ferry City Code Title Three, Chapter One to provide for an annual business license renewal fee.

NOW THEREFORE, Be it ordained by the Mayor and the Council of the City of Bonners Ferry, Idaho, as follows:

Section 1: That Bonners Ferry City Code Section 3-1-7 is hereby amended as follows:

3-1-7: FEES:
In the absence of specific provisions to the contrary, all fees and charges for permits shall be paid in advance at the time application therefor is made to the clerk. All permit fees shall be deposited to the general fund. The fees, established by resolution of the mayor and city council, shall be a one-time initial charge for each now existing and hereafter established new business established, and an annual renewal fee for each now existing and hereafter established business, except that any business required to have a permit under another ordinance of the city is exempt from the requirement of having a permit under this chapter. Any change in name, location or status (e.g., without limitation, individual, partnership, corporation, trust) shall constitute a new business as does any newly created or established business. The permit fee levied hereunder is not intended to repeal any other permit fee provision of any ordinance of the city.

Section 2: PROVISIONS SEVERABLE: The provisions of this Ordinance are hereby declared to be severable and if any provision of this Ordinance or application of such provision to any person or circumstance is declared invalid for any reason, such declaration shall not affect the validity of remaining portions of this Ordinance.

Section 3: EFFECTIVE DATE: This ordinance shall be effective upon its passage and publication in the manner provided by law.

APPROVED by the Mayor and City Council of the City of Bonners Ferry this ______ day of ____________, 2013.
CITY OF BONNERS FERRY, IDAHO

BY: ____________________________
    Mayor

Attest:

Clerk, City of Bonners Ferry
CITY OF BONNERS FERRY
CATERING PERMIT APPLICATION

Owners Name: Kootenai Tribe of Idaho
Business Name: Kootenai River Inn Casino + Spa
Business Address: 7169 Plaza St.

State Beverage License Number: 3977

I hereby request a catering permit for the following dates: Sept 21, 2013
from the hours of 3:00 p.m. to 11:00 a.m. at the
following location: Boundary County Fairgrounds

Catering will be done for the following group or organization sponsoring the

Event: NRA Banquet

Type of Event: Fundraiser

Wine: X Beer: X Hard Liquor: 

Signature of the Licensee: [Signature]
Date: 9/11/13

Printed Name: Tom Turpin

Address: 6511 Touchette
7169 Plaza

Date Submitted to City Council: 9/17/13

A non-refundable fee of $20 per day is required with the application.

Please make check payable to: City of Bonners Ferry
P. O. Box 149
Bonners Ferry, ID 83805
Date: 13 September 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Golf Course Club House.

This memo is to recommend that the City contract with Stephen Howlett to do the temporary repair to the roof of the Subject Structure. His price at $1,600 was the lowest provided quote.

STB
INDEPENDENT CONTRACTOR AGREEMENT

AGREEMENT made between _City of Bonners Ferry_, a political subdivision of the state of Idaho, herein "ENTITY" and _BB Build Block_ (Stephen F Howlett (587-6433)) herein "CONTRACTOR",

THE PARTIES AGREE AS FOLLOWS:

1. **CONTRACT:** ENTITY hereby employs CONTRACTOR as an independent contractor to complete and perform the following project and work:

   Repair Work on the Mirror Lake Club House Roof per specifications.

   CONTRACTOR agrees to provide all materials and services for the project in accordance with the attached written specifications.

   Specifications and scope of work will be provided to CONTRACTOR at beginning of work.

2. **TIME OF PERFORMANCE AND TERMINATION:** Parties agree that:

   [X] CONTRACTOR shall complete the project by _1 December 2013_.

   [ ] CONTRACTOR will commence work on the project on _________, 20___ and continue until this Agreement is terminated by _________ days written notice by either party.

   [ ] CONTRACTOR will work at various times as directed by the City from _________ and continue until _________ unless this Agreement is terminated with thirty (30) days written notice by either party.

3. **COMPENSATION:** ENTITY agrees to pay CONTRACTOR as compensation:

   [X] The lump sum of $ 1,650.00. Quote Attached.

4. **INDEPENDENT CONTRACTOR:** The parties agree that CONTRACTOR is the independent contractor of ENTITY and in no way an employee or agent of ENTITY and is not entitled to workers compensation or any benefit of employment with the ENTITY. ENTITY shall have no control over the performance of this Agreement by CONTRACTOR or its employees, except to specify the time and place of performance, and the results to be achieved. ENTITY shall have no responsibility for security or protection of CONTRACTOR'S supplies or equipment. CONTRACTOR agrees to pay and be responsible for all taxes due from the compensation received under this contract.

5. **WARRANTY:** CONTRACTOR warrants that all materials and goods supplied under this Agreement shall be of good merchantable quality and that all services will be performed in a good workmanlike manner. CONTRACTOR acknowledges that it will be liable for any breach of this warranty.

6. **INDEMNIFICATION:** CONTRACTOR agrees to indemnify, defend, and hold harmless ENTITY, and its officers, agents and employees, from and against any and all claims, losses, actions, or judgments for damages or injury to persons or property arising out of or in connection with the acts and/or any performances or activities of CONTRACTOR, CONTRACTOR'S agents, employees, or representative under this agreement.

7. **INSURANCE:** CONTRACTOR agrees to obtain and keep in force during its acts under this agreement a comprehensive general liability insurance policy in the minimum amount of $1,000,000 which shall name and protect CONTRACTOR, all CONTRACTOR'S employees, ENTITY and its officers, agents and employees, from and against any and all claims, losses, actions, and judgments for damages or injury to persons or property arising out of or in connection with the CONTRACTOR'S acts. CONTRACTOR shall provide proof of liability coverage as set forth above to ENTITY prior to commencing its performance as herein provided, and require insurer to notify ENTITY ten (10) days prior to cancellation of said policy.

8. **WORKER'S COMPENSATION:** CONTRACTOR shall maintain in full force and effect worker's compensation for CONTRACTOR and any agents, employees, and staff that the CONTRACTOR may employ.

13 September 2013 2013 bb build block sjh
and provide proof to ENTITY of such coverage or that such worker's compensation insurance is not required under the circumstances.

9. **COMPLIANCE WITH LAWS:** CONTRACTOR agrees to comply with all federal, state, city, and local laws, rules and regulations.

10. **ENTIRE AGREEMENT:** This is the entire agreement of the parties and can only be modified or amended in writing by the parties.

11. **ATTORNEY FEES:** Reasonable attorney fees shall be awarded to the prevailing party in any action to enforce this Agreement or to declare forfeiture or termination of this Agreement.

DATED this ________ day of _______________________, 20 ________

ENTITY:

________________________

(CITY OF BONNERS FERRY)

(Governmental Entity)

______________________________________________

By, ____________________________________________

(Name)

By, ____________________________________________

Dave Anderson  MAYOR

(Dave Anderson  MAYOR)

ATTEST:

______________________________________________

Kris Larson, Clerk

Form and content approved by _______________________

as attorney for ____________________________

(Governmental Entity).

______________________________________________

By, ____________________________________________

(Name)

Its ____________________________________________

(Title or Office)

WITNESS:

______________________________________________

(Signature of Witness or Notary Public)
Sept. 4, 2013

Steve Borman and City Council Members,

I’m submitting a repair estimate for the Mirror Lake club house roof/ceiling project. I have based my estimate on the drawings given to me by S. Borman as a reference. The bid is for $1650.00.

Briefly the scope of the job is to remove and patch the hole on the exterior side of the soffet. Then add ¾” osb board for two feet outside and for eight feet on the inside. This is to tie in all of the square footage as one piece to re-support. Then add 2x8 x12’ f&l boards for ceiling joists, these will be hung with hangers @90° to the beams. Then add a layer of ¼’ cdx plywood to facilitate the hanging of the finish ceiling of ¾’t&g pine panels. The new work will be primed and painted to a white color to match existing as best as possible.

Thank you,

Stephen F. Howlett

Stephen F. Howlett
Date: 13 September 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Golf Mower Quotes.

Attached is the information on two Golf Mower quotes. Prior to requesting quotes the specifications were provided to both our golf course operator and the Toro salesman for comment. Unfortunately since receiving the quotes we have found a number of discrepancies and several issues have been raised.

As is not uncommon, the largest differences between the brands are hard to put into specifications and are often the level of service that is hard to quantify. These issues are quite well stated in the attached memo from Ralph.

Trim Mower

Only Toro and John Deere provided quotes for this mower. The one identified difference in specifications was that on the Toro mower all three decks shift laterally while John Deere only shifts the two front decks and uses a larger rear deck to maintain complete coverage. Both mowers are rated for operation on slopes of up to 25 degrees.

Fairway Mower

Quotes were received from Toro, John Deere, and Jacobson. Of particular concern here is the parts and service from Jacobson. The nearest Jacobson dealer has a branch office in Lewiston and has only been a Jacobson dealer for a couple of years. Warranty work on a Jacobson is over 80 miles further away.

It would appear that the council has two options for each mower. First, would be to approve the low bids as submitted for either or both mowers. Second, would be to reject either or both bids and re-quote with better defined specifications.

STB
In reviewing the bids for the trim and fairway mowers, I noticed that Toro mistakenly added 6% sales tax to the quote. Also, the quotes for the John Deere and Jacobsen fairway mowers did not include rear roller brushes like the Toro quote did. Following are the prices taking out the sales tax from the Toro and adding the rear roller brushes.

Fairway mower:

Toro $45,417.46
John Deere $41,899.00 I am waiting to hear from the John Deere rep on the exact price for the rollers. He thinks it is about $2,000.00 for them so this price includes that figure.
Jacobsen $41,085.00

Trim mower:

Toro $32,651.00
John Deere $28,915.00

In my 32 year career in golf course operations I have used Toro, Jacobsen, and John Deere mowing equipment. The reason I prefer Toro is the quality of materials used in construction (sturdiness/longevity), reputation in the golf industry, ease of ordering parts, customer service, and my knowledge of the equipment. The reason for not liking the John Deere equipment as much is it is not as rugged as Toro and parts ordering is not as streamlined as Toro. I order Toro parts through their warehouse in Kent, Wa., which carries over $2,000,000.00 in parts on a daily basis. When I order a part from them, I get it the next day 99% of the time. This is not my experience with John Deere, and Jacobsen is much worse. Jacobsen service is horrible. (Ask Cal Russell about his experience with RMT, which is the Jacobsen dealer) In fact, I would be very surprised if Jacobsen has a presence in the Northwest in a few years due to their recent change of leadership and poor reputation for parts and service. The Jacobsen mowers I have used in the past are greens, tees, fairways, trim and rough. They constantly broke down and sometimes getting parts took up to 2 weeks.

Another reason I like Toro is because they only deal in turf equipment. They are experts at it. John Deere makes their money from agriculture equipment, not their turf division. They do not put as much effort into the turf equipment, which is why their equipment is not as rugged. They make great tractors, but their turf equipment is not the best. The reason they are cheaper is the quality of materials are not as good as Toro. They simply do not last as long as we need them to, especially on a golf course that is bumpy like Mirror Lake.

Another important feature of the Toro Sidewinder is the operator sits lower to the ground than the John Deere bringing the center of gravity much lower to the ground. This is not only a performance issue when mowing steep slopes and around trees with low branches, but is also very much a safety concern when mowing the steepest slopes.
My experience tells me Toro is cheaper in the long run, which is why I put Toro into the long range plan I wrote last year. If I was using John Deere equipment it would have 2-3 years shorter life spans and been more of a mid range plan as opposed to long range. You get what you pay for, and I look at Mirror Lake GC keeping the long term in focus on everything.

A person you should call is Steve Sabo at 267-7218. He worked for me for a season about 5 years ago, then went to work at Circling Raven, Stoneridge, and is now at Los Barrancas in Yuma Arizona. He has extensive experience in mowing with the Toro Sidewinder, John Deere trim mower, and Jacobsen trim mowers. He has a lot of insight into the intricacies of the mowers and how they perform.

Following are names and phone numbers of golf course superintendents in the area that use Toro equipment. There are many more. Manito and Spokane Country Clubs, Black Rock, etc. but I did not list them since it is highly unlikely to get to talk to their superintendents. I encourage you to call and talk to the superintendents to get their views on mowing equipment. I personally have never talked to them or know them (except for Tim Heline at the Idaho Club). I also will attach a list of golf courses that use John Deere equipment which was sent to me by Steve Lebsack, the John Deere sales rep in Spokane. I think it is interesting to note in that list how many utilize their fairway mowers and not their trim mowers (all lot of them use the Toro sidewinder for trim mowing)

Golf Course Superintendents who use Toro equipment

All 4 Spokane city courses:

Indian Canyon – Don Nelson (509) 838-2301
Qualchan - Fred Marchant (509) 448-2968
Downriver – Roy Cheney (509) 328-0919
Esmeralda – Bob Mielke (509) 483-1889

All 3 Spokane county courses:

Hangman Valley – Mike Barber (509) 448-9737
Liberty lake – Todd Harper (509) 863-3548
Meadow Wood – Mike Kingsley (509) 255-6602

CDA Public – John Bonwell (208) 765-1658

Others to call for insight:

Stoneridge – Darcy Otto (208) 437-4216
The Idaho Club – Tim Heine (208) 290-1858 Tim is a good source of information. Due to severe financial restrictions, he has been forced to use whatever the owners have leased. He is presently using John Deere equipment for the fairways and greens surrounds (trim mower).

I will mow with whatever the council recommends, but I truly believe the city will benefit in course quality and money saved in the long term by purchasing Toro.

Thanks,

Ralph
### 2013 Golf Mower Quotes

<table>
<thead>
<tr>
<th>Dealer</th>
<th>Model</th>
<th>Mower</th>
<th>Adjusted Price</th>
<th>Comments</th>
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<tbody>
<tr>
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<td>3500 Sidewinder</td>
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<td>$32,652</td>
<td>Price included tax in error</td>
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<tr>
<td>RMT</td>
<td>Did not Bid</td>
<td>$</td>
<td>$</td>
<td></td>
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<td>Pacific Golf and Turf</td>
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<td>$28,915</td>
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<tr>
<td></td>
<td>5410 Reelmaster</td>
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<tr>
<td>RMT</td>
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<td></td>
<td>38,785</td>
<td>Price with rear power brush kit not obtained</td>
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<tr>
<td>Pacific Golf and Turf</td>
<td>7500 Precision Cut</td>
<td>$39,899</td>
<td>$41,192</td>
<td>Adjusted price includes rear power brush kit</td>
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<tr>
<td>Trim Mower Difference</td>
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<td>3,737</td>
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<td>Fairway Mower Difference</td>
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<td>4,062</td>
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<tr>
<td>Toro Total</td>
<td>$</td>
<td></td>
<td>77,906</td>
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<td>John Deere Total</td>
<td>$</td>
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<tr>
<td>Difference</td>
<td>$</td>
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<td>7,799</td>
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Quotation

From:
PACIFIC GOLF & TURF
6615 E. MALLON AVE.
SPOKANE VALLEY, WA 99212
Cell: 509-953-6482
Office: 509-535-3663
SLEBSACK@pacificgolfandturf.com

To:
CITY OF BONNERS FERRY
7232 MAIN STREET
PO BOX 149
BONNERS FERRY , ID 83805

Date: September 12, 2013
Quote #: 33747

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<th>Quantity</th>
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<tr>
<td>1</td>
<td>7500 PREC CUT FAIRWAY</td>
<td>$41,192.00</td>
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<tr>
<td></td>
<td>1 - QUICK ADJUST 5 ( QA5) 7 BLADE STD CUTTING UNIT</td>
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</tr>
<tr>
<td></td>
<td>1 - 22 INCH X 2 INCH MACHINE GROOVED FRONT ROLLER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 - 22 INCH X 2 INCH SMOOTH REAR ROLLER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 - REAR ROLLER POWER BRUSH DRIVE</td>
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</tr>
<tr>
<td></td>
<td>1 - REAR ROLLER POWER BRUSHES</td>
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STEPHEN AND RALPH - Here is the pricing of the John Deere 7500 fairway mower with rear power brushes ORDERED ON IT FROM THE FACTORY.

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<tr>
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<th>SUBTOTAL</th>
<th>$41,192.00</th>
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<td>TOTAL</td>
<td>$41,192.00</td>
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*Quote is valid for 30 days. Sales Tax is estimated. Subject to credit approval.

Accepted By: ___________________________ Date: __/__/____
Title: ___________________________
Fine-Tune Your Fairways

New Power Roller Brushes for Reelmaster® Mowers

As you know, maintaining a beautiful, well-groomed golf course takes a lot more than just excellent grass cutting. To help keep your course looking immaculate and more playable, Toro has introduced a handy new accessory for our Reelmaster® 5000 and 6000 series fairway mowers: powered rear roller brushes.

The optional brushes are designed to minimize the problem of unsightly grass clumps on your fairways. Since most courses are mowed in the morning when the grass tends to be wet, clippings naturally stick to rollers and build up. Then when the rollers are scraped, the sticky grass drops off in big clumps. By sweeping the rear rollers of the Reelmaster units while you mow, these brushes remove grass clippings right away and disperse them more loosely.

That's a big advantage, because with the roller brushes you won't have to waste time and effort to break up or remove those clumps of grass left behind on the fairways.

In addition to sweeping and dispersing grass clippings, the brushes make a big difference with other sticky substances on rollers, such as bird droppings or tree seeds, which can also cause problems.

"They definitely make a difference," says Tom Fischer, Superintendent of the 18-hole Edinburgh USA Golf Course in Brooklyn Park, Minnesota. "We don't have the clumping that we used to, and our fairways look a lot cleaner."

Besides an improvement in the appearance of his course, Fischer points out that the trouble-free roller brushes have cut down on his labor demands.

"We don't have to go out and pick up clippings, because that was our alternative to keeping the grass off the fairways before," he says. "Sometimes we had to take a blower out to break up the clumps."

Easy To Install

"If you're doing secondary operations to clean up your clumpy fairways, this is ideal for you," says Scott Coffin, Toro Product Engineer.

"Dispersion is important. If you're spending time trying to deal with clumping, this is the solution."

The power brushes are a snap to install and operate. They use a reliable belt-driven system that's powered off the reel. Simply plug a brush into the driver on the end of the shaft, adjust it when the mowers are set up, and you're ready to go. The brushes work through a range of heights of cut, so your fairways are always covered.

The power brush attachment kit is quite economical, especially when you compare it to the labor you save on clump removal and after-cut maintenance.

Many superintendents are familiar with power brushes for dispersing grass clippings with greens mowers, so the concept is a proven one.

"Do you want your fairways to look like your greens?" asks Coffin. "It makes fairways look beautiful."

Specify Your Model

With this year's introduction of the latest power roller brushes, all Toro Reelmaster 5000 and 6000 series fairway mowers can now be equipped with this helpful accessory. There are two brush choices, so simply order the ones for your machines.

Brush Part #03533 - Fits Reelmaster 5200-D and 5400-D cutting unit models 03277 and 03528.

Brush Part #03876 - Works on Reelmaster 5500-D and 6000 series cutting unit models 03850, 03861 and 03862.

The power roller brush is just another innovative way that Toro helps you keep your course looking its best. For more information about these or any accessories, please contact your Toro representative or visit www.toro.com.
Trim Mower

Bid Opening Minutes

Project: Trim Mower
Date: 9-9-13
Time: 3:14 p.m.
Those Present: SJB, KL

Bids Received From:                      Amount              Bidders Security
1. RMT - No Bid                          34,610.72
2. Western Equip.                       28,915.00
3. Pacific Golf & Turf

Signatures of those present:
28 August 2013

To: Mark Jones, Western Equipment Distributors, Phone: 509-701-1467, Fax: 509-483-7583, mark.jones@western-equip.com
   Steve Lebsack, Pacific Golf & Turf, Spokane, WA 99212, Phone: 509-535-3663, slebsack@cascadeturf.net
   Mr. Jeff Brown, RMT Equipment, Lewiston, ID, Phone 801-633-2599, jbrown@rmtequipment.com

Subject: Quote for 2013 City of Bonners Ferry Trim Mower

The City of Bonners Ferry desires to purchase a new, or low hour, trim mower for our municipal golf course. We are looking at a Toro Sidewinder 3500 or equivalent. The attached specifications are based on the Toro trim mower.

If the product you are quoting is not the Toro please identify any specifications for which your product does not meet the Toro specifications. Also please note any special features and/or advantages of the mower you are quoting.

Information requested in the quote:

1. Purchase price
2. The City would like to consider a 5 year lease option. Therefore please provide the details of a 5 year lease option if available.
3. Any additional options, with price, you would recommend.
4. Any areas where the quoted mower does not meet the specifications
5. Any special features of the quoted mower
6. Warranty details

For purpose of bid comparison, a low hour used mower’s price will be adjusted based on a 2,000 hour life. i.e. (new price) * 0.05% * (hours) = price adjustment.

Response to this request for quote is per Idaho Code Title 67 Chapter 28. Your quote needs to be provided by 2:00 p.m., Monday, 9 September 2013. If you have any objections to these specifications they need to be provided by 2:00 p.m., Wednesday, 4 September 2013. Quotes can be submitted directly to City Hall, faxed to 208-267-4375, or e-mailed to harrison@bonnersferry.id.gov.

The City reserves the right to accept the bid it deems most advantageous and to waive formalities.

If you have any questions feel free to call me at 267-0357.

Sincerely,

STB

Stephen Boorman
City Administrator
Attachment 1 – General Specifications

The desired machine is a professional grade golf and turf mower designed for greens surrounds, banks and steep terrain on a golf course.

1. To be three wheeled drive
2. Hydrostatic transmission
3. Engine to be a diesel fuel engine with a minimum of 30 horsepower
4. Minimum 2 year warranty on parts and workmanship
5. To have three (3) Rotary Mower Decks
6. All decks should to be able to shift laterally with the ability to extend horizontally out from the front tires a minimum of 14 inches.
7. Minimum with of cut to be a minimum of 67 inches.
To: City of Bonners Ferry  
Re: Bid for Mirror Lake Golf  
Toro 3500 Sidewinder.

As requested, I am providing the check list of quote attachments. I have enclosed all the exact specifications for the Toro 3500 Sidewinder. It meets all specifications exactly. This unit has many unique features that my competitors can't match. #1 all three decks are the same size and are contour mowing decks independent of each other for better cutting quality. #2 All three decks shift 18 inches from side to side simultaneously while my competitors front 2 decks only shift a fraction of the Toro's traveling distance from side to side. #3 The Toro is much more user friendly and easier to operate and more productive and more efficient than my counterparts.

This quote is for a new machine manufactured in 2013. It carries a 2 year/1500 hour warranty on parts and labor.

If references are desired, that is easy as this unit is the most popular trim in the golf industry. I can supply more references than you could possibly require.

Sincerely,

Mark Jones  
SCPS Certified  
Territory Sales Mgr. 509-701-1467
CITY OF BONNERS FERRY
7232 Main Street
P.O. Box 149
Bonners Ferry, Idaho 83805
Phone: 208-267-3105 Fax: 208-267-4375

Quote – 2013 City of Bonners Ferry Mower
Base Mower Price * TORO 3500 Sidewinder (Tax included 6%)
Thirty Four Thousand Six hundred Ten dollars 72 cents $34,610.72
(Amount spelled out in words) (Amount spelled out in numbers)

Additional recommended options and cost
Option This unit come complete as is
(Amount spelled out in words) (Amount spelled out in numbers)
Option
(Amount spelled out in words) (Amount spelled out in numbers)
Option
(Amount spelled out in words) (Amount spelled out in numbers)
Option
(Amount spelled out in words) (Amount spelled out in numbers)
Option
(Amount spelled out in words) (Amount spelled out in numbers)

Understanding that this lump sum price and per unit prices includes all permit fees, sales and consumer use taxes, etc. required by law or regulations.

Signed
Mark Jones
Name and Title Sales Mgr.
Date 9/4/13
Company Name Western Equipment/TOHO
Company Address E. 2824 Garland
Spokane, WA 99207

Phone Number 509-701-1467
Fax Number 509-483-7563

Quote Form (2) 8/28/2013
Check List of Quote Attachments:

- / Full mower specifications
- Attached details of a 5 year lease option, if available.
- / Any areas where the quoted mower does not meet the specifications
- / Any special features of the quoted mower
- / Hours and details if mower is a demo or is used
- / Warranty details
- / References if desired.
# Groundsmaster® 3500-D Specifications*

## Overview

### ENGINE
- Kohler® 35 hp (26.1 kW) turbo-charged, liquid-cooled, 3-cylinder, diesel engine. Available power: 32 hp (23.9 kW) at 2800 rpm.
- 67.1 cu. in. (1.1 liter) displacement governed to a maximum speed of 3553 rpm. Oil capacity: 4 quart (0.8 liters) with standard oil filter. Rear-mounted, cross-flow 4-row radiator, 9% Tier IV Turbocompressed.

### FUEL CAPACITY
- 11 gallons (41.8 liters); 2009 models Biokem-ready for use up to 80% (20% biodiesel and 80% petrol blend).

### CONFIGURATION
- Rear mounted engine, front operator position. Two rear 3”x3” cast and square wiper standard. Slow-Cut™ cutting unit system.

### TRACTION DRIVE
- 3-speed drive in snow and transport. Series/Parallel™ hydraulic, closed-loop transmission provides infinitely variable ground speed in forward and reverse.
- Variable displacement piston type pump.

### GROUND SPEED/CLEARANCE
- Max: 0-4 mph (0-6 km/h), max speed in factory preset at 4 mph but is adjustable; Transport: 0-9 mph (0-14 km/h);
- Reverse: 0-4 mph (0-6 km/h), Ground Clearance: 6” (0.15 m).

### CONTROLS
- Forward and reverse traction control pedals; mounted fuel level; hand activated parking brake; hand operated ignition key switch; till steering wheel lock;
- PTO switch; throttle; joystick control for deck raise and lower as well as moving decks side-to-side; cutting deck transport lock.

### GAUGES & DIAGNOSTICS
- Fuel gauge and hour meter. Light cluster with glow plug and safety indicator lights, amp, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).

### ELECTRICAL & INTERLOCKS
- Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck move or transport safety interlock switches. Parking brake and provides movement through traction pedal, 6V amp alternator and 12-volt, 555 CCA battery.

### HYDRAULICS
- Open center, manual valve, gear pump hydraulic system. System capacity approximately 5.5 gallons (21 l)

### STEERING
- Hydraulic power steering, 11” wheel.

### TIRES/WHEELS
- 30 x 12-10, 4-ply rating, Torr Tread front tires. 20 x 10-10, 4-ply rating, Torr Tread rear tires.

### BRAKES
- Dynamic through hydraulic transmission service brakes. Hand actuated over center, drum type parking brakes.

### SEAT
- Installed as standard equipment.

### OVERALL DIMENSIONS
- Height: 70.8” (180 cm) x 49” (125 cm)
- Length: 114” (290 cm)
- Width: 71.8” (182 cm) with 66” (170 cm) WOC
- Width: 70.8” (180 cm) with 72” (183 cm) WOC
- Wheelbase: 79.5” (202 cm)

### WEIGHT
- 2,200 lbs. (1,000 kg) with cutting units.

### WARRANTY
- Two-year limited warranty. Refer to operator's manual for further details.

### CERTIFICATION
- Complies with ANSI Z71.4-2001 and European Community (EC) with required lists/bullet.

### CUTTING DECKS

| TYPE | 3 Contour™ Plus 27” (69 cm) rear-discharge rotary with rear roller on each deck. Schleppender system allows all three decks to slide right and left 12” (30 cm) of center.
| WIDTH OF CUT | 66” (172 cm), standard and 72” (183 cm) optional. Deck overlap is 12” (30.5 cm) at 66” (172 cm) width of cut and 14” (35 cm) at 72” (183 cm). Overall: 60.5” (154 cm) at standard width of cut.
| HEIGHT OF CUT | .75” (.19 cm) to 1.13” (.29 cm) increments.
| MOWING RATE | Move up to 4.1 acres/h (1.7 hectares)/h at 6 mph (9.6 km/h) (assumes no turning or speed change).
| CONSTRUCTION | 16-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5” (3.8 cm) square x .25” (.6 cm) wall tube with 7-gauge side supports. Spindles support 3/16” (.48 cm) high-strength steel and 10-gauge exterior channels.
| SPINDLE ASSEMBLY | Ductile cast iron spiral housing. Dual greaseable tapered roller bearings. 1.2” (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade receiver plus anti-scalp cups.

### ANTI-SCALE FEATURES
- 8” (15 cm) anti-scalp cups on each blade.

### MULCHING KIT
- Model 30385

### BIMINI SUNSHADE
- Model 30385

### WORK LIGHT
- Model 30381

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*Specifications and design subject to change without notice. Product depicted in this literature not for demonstrative purposes only.

**Actual products sold for use may vary in use, design, required attachments and costly features. This distributor for dealer as all warranties.

*The Groundsmaster 3500-D is manufactured in Tochigi, Japan, and is ISO 9002 Certified Plant.

2013 Toro Commercial Equipment Guide 7-852-T Rev. 11/13
As requested, I am providing NIPA pricing for the Toro 3500 Sidewinder and the 5410 Fairway mower. Please see the following. Note the purchase prices do not include sales tax. TCEF finance is the institution whose lease rates I derived these figures from. This is a municipal rate of 3.99%. I have also sent the credit application for them which should be filled out and sent to them directly. Marc Callahan will be the man from TCEF Finance who you will be dealing with. Marc is excellent at his job and will make this a very easy transaction. Please note there is a one payment in advance clause for municipal transactions.

Toro 3500 Sidewinder #30839n comes complete $32,651.63 (purchase Price)

Toro 5410 Reelmaster fairway mower #030670n comes with #03694 eight blade cutting units, #03568 powered rear roller brushes $45,417.76 (purchase price)

As requested, I am providing 2 options for this Conditional sales contract (dollar buyout). A 36 monthly payment plan and 60 month payment plan.

**Purchase price for both units**
3500 Toro Sidewinder $32,651.63
5410 Reelmaster $45,417.76
Total purchase price for both units $78,069.39

**CSC lease options**
Purchase price $78,069.39 (both units
Documentation fee $250.00
Lease figure $78,319.39

36 month payment plan rate factor of .02942
$2,304.15 plus 6% sales tax=$138.24 Total monthly payment for 36 months $2,442.39

60 month payment plan rate factor of .01835
$1,437.16 plus 6% sales tax=$86.22 Total monthly payment for 60 months $1,523.38

Please let me know if I can do anything else for you. Thank you for the opportunity.
Please note that depending on time frame of transaction, these figures could vary slightly. Unfortunately, time is of the essence here. In order to beat the normal price changes in mid October we are also up against availability on the non tier 4 models. To make this all happen we need to order as soon as possible and have shipped and delivered before mid October.

Sincerely,

Mark Jones
SCPS Certified
Territory Sales Mgr. 509-701-1467
Date: 9.9.13
Pages: 9
To: City of Bonner's Ferry
Attn: Stephen Brown/klarson/city hall
Fax No: 208 - 214 - 4375
From: Steve Lebsack
Subject: Bid Quoite for 2013 City of Bonner's Ferry Turf Mower

Thankyou

Steve Lebsack

Steve Lebsack
Pacific Golf & Turf
6615 E. Mallon Ave.
Spokane, WA 99212
Phone: (509) 535-3663 x16502
Fax: (509) 535-9116
slebsack@pacificgolfturf.com
28 August 2013

To: Mark Jones, Western Equipment Distributors, Phone: 509-701-1467, Fax: 509-483-7583, mark.jones@western-equip.com
   Steve Lebsack, Pacific Golf & Turf, Spokane, WA 99212, Phone: 509-535-3663, slebsack@cascadecgrf.net
   Mr. Jeff Brown, RMT Equipment, Lewiston, ID, Phone 801-633-2599, jbrown@rmtequipment.com

Subject: Quote for 2013 City of Bonners Ferry Trim Mower

The City of Bonners Ferry desires to purchase a new, or low hour, trim mower for our municipal golf course. We are looking at a Toro Sidewinder 3500 or equivalent. The attached specifications are based on the Toro trim mower.

If the product you are quoting is not the Toro please identify any specifications for which your product does not meet the Toro specifications. Also please note any special features and/or advantages of the mower you are quoting.

Information requested in the quote:

1. Purchase price
2. The City would like to consider a 5 year lease option. Therefore please provide the details of a 5 year lease option if available.
3. Any additional options, with price, you would recommend.
4. Any areas where the quoted mower does not meet the specifications
5. Any special features of the quoted mower
6. Warranty details

For purpose of bid comparison, a low hour used mower’s price will be adjusted based on a 2,000 hour life. i.e. (new price) * 0.05% * (hours) = price adjustment.

Response to this request for quote is per Idaho Code Title 67 Chapter 28. Your quote needs to be provided by 2:00 p.m., Monday, 9 September 2013. If you have any objections to these specifications they need to be provided by 2:00 p.m., Wednesday, 4 September 2013. Quotes can be submitted directly to City Hall, faxed to 208-267-4375, or e-mailed to kiason@bonnersferry.id.gov.

The City reserves the right to accept the bid it deems most advantageous and to waive formalities.

If you have any questions feel free to call me at 267-0337.

Sincerely,

STB

Stephen Boorman
City Administrator
Attachment 1 – General Specifications

The desired machine is a professional grade golf and turf mower designed for greens surrounds, banks and steep terrain on a golf course.

1. To be three wheeled drive
2. Hydrostatic transmission
3. Engine to be a diesel fuel engine with a minimum of 30 horsepower
4. Minimum 2 year warranty on parts and workmanship
5. To have three (3) Rotary Mower Decks
6. All decks should to be able to shift laterally with the ability to extend horizontally out from the front tires a minimum of 14 inches.
7. Minimum with of cut to be a minimum of 67 inches.
QUOTE FOR 2013 CITY OF BONNERS FERRY TRIM MOWER

BID INFORMATION

1- PURCHASE PRICE - $28,915.00
2- PRODUCT IS - JOHN DEERE 7400 ROTARY TRIM MOWER.
3- LEASING PROVIDED BY JOHN DEERE FINANCIAL (OAC) WE ARE THE ONLY COMPANY OF THE BIG THREE (JOHN DEERE, TORO, AND JACOBSEN) WITH OUR OWN FINANCIAL ARM.
4- MUNICIPAL LEASE RATE FOR 60 MONTH LEASE PURCHASE IS - 4.3%
   a. ABILITY TO CUSTOMIZE PAYMENT OPTIONS — MONTHLY, SKIP PAYS, ANNUAL, ETC.
   b. TERM ON LEASE PURCHASES - UP TO 60 MONTHS, (72 MONTHS IN SOME CASES)
   c. 100% TRANSPERENCY
   d. LEASE WONT BE SOLD
   e. NO PENALTY FOR EARLY PAYOFF IN CASE THE CITY WANTS TO PAY THE LEASE OFF.
5- DOES NOT MEET SPEC IN THE ABILITY TO SHIF ALL THREE DECKS AT THE SAME TIME.
   a. THE JOHN DEERE 7400 SHIFT BOTH FRONT DECKS, CENTER REAR DECK IS STATIONARY BUT BECAUSE OF OUR DECK CONFIGURATION (27" WIDE) AND ABILITY TO REACH FURTHER THAN ANYOTHER BRAND WITH OUR FRONT DECKS (15 INCHES) IT GIVES A VERY HIGH QUALITY OF CUT AND LOW IMPACT ON BUNKER FACES AND GREENS SURROUNDS.
6- SPECIAL FEATURES OF JOHN DEERE 7400 TRIM SURROUNDS MOWER.
   a. 74" MAX WIDTH OF CUT.
   b. 15" REACH CAPABILITY OF EACH DECK.
   c. 37.1 HP DIESEL ENGINE.
7- WARRANTY:
   a. 24 MONTH UNLIMITED HOURS FACTORY JOHN DEERE WARRANTY.
   b. EXTENDED WARRANTY OPTIONS AVAILABLE.

2- ATTACHMENT 1-GENERAL SPECIFICATIONS

1- THREE WHEEL DRIVE
2- HYDROSTATIC TRANSMISSION
3- 37 HP DIESEL ENGINE
4- 24 MONTHS UNLIMITED HOURS FACTORY JOHN DEERE WARRANTY
5- THREE 27" ROTARY DECKS
6- FRONT TWO DECKS SHIFT, THIRD CENTER REAR DECK DOES NOT (SEE EXPLANATION ABOVE #5)
7- WIDTH OF CUT IS 68" MINIMUM TO 74" MAXIMUM.
# Quote Summary

## Quote Header
- **Customer #:** 9105 Edit
- **Customer:** CASH & COD-SPOKANE JD
- **Warehouse:** SPD
- **Ship To:** CITY OF BONNERS FERRY
  - 7232 MAIN STREET
  - PO BOX 149
  - BONNERS FERRY, ID
  - 83805
- **Contact Name:** STEPHEN BOORMAN
- **Contact Phone:** 208-267-0377
- **Contact Fax:** 208-267-4375
- **Contact Email:** kolson@bonnersferry.id.gov
- **Tax Rate:** 0.00%
- **Follow-Up Date:** 9/23/2013

## Quote ID:
- 33716
- 9/9/2013

## Sales Rep:
- SLEBSACK
- PACIFIC GOLF & TURF
  - 6615 E. MALLON AVE.
  - SPOKANE VALLEY, WA
  - 99212
  - 509-953-6462
  - 509-535-3663
  - SLEBSACK@pacificgolf turf.com

## Quote Detail

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<th>Extended Price</th>
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<td>7400 TERRAIN CUT TRIM MW</td>
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**Subtotal:** 28,915.00
**Sales Tax:** 0.00
**Grand Total:** 28,915.00

## Related Documents

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<th>Title</th>
<th>Document Type</th>
<th>Action</th>
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</table>

http://nnweb/cvnt/Seav/Unitsummary/33716

9/9/2013
Quotation

From:
PACIFIC GOLF & TURF
6615 E. MALLON AVE.
SPokane VALLEY, WA 99212
Cell: 509-953-6482
Office: 509-535-3653
SICRSACK@pacificgolfturf.com

To:
STEPHEN BOORMAN
CITY OF BONNERS FERRY
7232 MAIN STREET
PO BOX 149
BONNERS FERRY, ID 83805
Phone: 208-267-0357
Fax: 208-267-4375
klarson@bonnersferry.id.gov

Date: September 09, 2013
Quote #: 33716

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<td>1</td>
<td>7400 TERRAIN CUT TRIM MOWER</td>
</tr>
</tbody>
</table>

STEPHEN - THIS UNIT HAS 150 HOURS ON IT, (DEMO UNIT) COMES WITH FULL FACTORY WARRANTY.

SUBTOTAL | $28,915.00
SALES TAX | $0.00
TOTAL | $28,915.00

*Quote is valid for 30 days. Sales Tax is estimated. Subject to credit approval.

Accepted By: ____________________________

Date: ___/___/______

Title: ________________________________
JOHN DEERE 2 YEAR WARRANTY
FOR NEW GOLF & SPORTS TURF PRODUCTS

A. GENERAL PROVISIONS
John Deere will repair or replace, at its option, any parts (except those specified in C below) of new John Deere Golf & Turf products listed in Sections B.1 and B.2 below, as defined to the original retail purchaser, that are defective in material or workmanship. Performance of the warranties will be free of charge for parts and labor, except as otherwise stated below.

B. WHAT IS WARRANTED
1. Basic Machine Warranty
   All parts of the John Deere product are covered by warranty for:
   - 24 months and unlimited hours, from the date of delivery.
   - 20 month or 1500 hours warranty, whichever comes first.

   ProGator: 2020, 2020A, 2030, 2030A
   Turf Gator: Turf, TX Turf
   Sprayer: 600, HD600, HD300
   Top Dresser: TD100
   Gator: E Gator, ET Gator
   Reel Mowers (A, B, C, E versions included):
   - 200, 220, 230, 2500, 2650, 1905,
   - 3215, 3225, 3235
   - 7000 & 8000 Series

2. Exceptions
   - Product with 24 months or 1500 hours, whichever comes first,
   - ProGator: 2020, 2030, 2020A, 2030A
   - Turf Gator: Turf, TX Turf
   - Sprayer: 600, HD600, HD300
   - Top Dresser: TD100
   - Gator: E Gator, ET Gator

C. ITEMS WARRANTED SEPARATELY
   This warranty does not apply to batteries, tires, and sprayer controllers which are covered by separate written warranties, unless listed in the applicable Parts Catalog.

D. ITEMS NOT COVERED
   John Deere is not responsible for the following:
   1. Premium charged for overtime labor requested by the purchaser.
   2. Service calls made by the distributor.
   3. Used products.
   4. Any product that has been altered or modified in ways not approved by John Deere, including, but not limited to, setting injection pump fuel delivery above John Deere specifications.
   5. Degradation or damage caused by normal wear, lack of reasonable and proper protection during storage, or accident.
   6. Normal maintenance and replacement of maintenance and wear items, such as oil, filters, coolant and conditioners, cables and other cutting/mowing parts, belts, brake and clutch linings, spark plugs, hoses, tires and batteries.

any such part or component is defective in material or workmanship when installed in the product, John Deere will repair or replace, as it elects, such defective part or component, provided that the defect is reported to an authorized John Deere distributor within ninety days of installation or before expiration of the product’s warranty, whichever is earlier.

F. SECURING WARRANTY SERVICE
   To obtain performance of this warranty, the original retail purchaser must request warranty service from a John Deere Distributor authorized to sell the product to be serviced. When making such a request, the purchaser must present evidence of the product’s delivery date, make the product available at the distributor’s place of business, and inform the distributor in what way the purchaser believes the product to be defective.

G. NO IMPLIED WARRANTY OR OTHER REPRESENTATION
   Where permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations or promises as to the quality, performance or freedom from defect of the product covered by this warranty.

   NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS IS MADE.

H. LIMITATION OF PURCHASER’S REMEDIES
   Where permitted by law, the purchaser’s only remedies in connection with the breach of performance of any warranty on John Deere Golf & Turf Products are those set forth on this page. In no event will the distributor, John Deere or any company affiliated with John Deere be liable for incidental or consequential damages, including but not limited to loss of profits, rental of substitute equipment or other commercial loss.

I. NO DISTRIBUTOR WARRANTY
   The selling distributor makes no warranty of its own on any item warranted by John Deere and makes no warranty on any other item unless it delivers to the purchaser a separate written certificate specifically warranting the item.

   THE DISTRIBUTOR HAS NO AUTHORITY TO MAKE ANY REPRESENTATION OR PROMISE ON BEHALF OF JOHN DEERE, OR TO MODIFY THE TERMS OR LIMITATIONS OF THIS WARRANTY IN ANY WAY.

E. PARTS REPLACED UNDER WARRANTY
   Only new or remanufactured parts or components furnished or approved by John Deere, will be used to repair the product. If
7400 TerrainCut™ Rough Mower

**FEATURES**

- A powerful 37.1 hp (27.7 kW) 1496 cc turbo-charged diesel engine provides plenty of power for demanding golf course conditions.

- For superior cut quality and productivity, the 7400 TerrainCut™ Rough and Surrounds Mower features 3 independent 27-in. (68.6 cm) rotary decks with a maximum cut width of 74-in.

- Deck height of cut adjustments are performed quickly and easily with no tools. The height can be adjusted between 1- to 4-in. (2.5 to 10.2 cm) in .25-in. (1.6 cm) increments.

- The 7400 TerrainCut™ has an industry exclusive Width on Demand feature that allows on-the-go selection of 66-in. (172.7 cm) or 74-in. (188 cm) width of cut. The versatility to change width of cut without changing lift arms increases productivity on the most demanding golf courses. The 66-in. (172.7 cm) width of cut can be used around greens and tee complexes that have undulating terrain, slide hill operation, and/or tight turns. The 74-in. (188 cm) width of cut is used when conditions allow for increased productivity.

- The 7400 TerrainCut™ Rough Trimming System allows for either the front left or right deck to be shifted 15-in. (38.1 cm) beyond the outer edge of the front tires. This allows for trimming around bunkers or other hazards safely while keeping the center of gravity more consistent.

- For superior hill climbing the 7400 uses the GBP All Wheel Drive traction system. This hydraulic 3WD system provides flow to all 3 wheel motors, diverting flow to the wheels with the best traction for superior hill climbing in dry or wet conditions.

- The 7400 TerrainCut™ continues John Deere’s best in class operator comfort by providing plenty of operator legroom and a wide operator platform for optimal brake and foot pedal spacing. An operator command arm locates all controls at the operator’s fingertips and moves with the seat for easy access. A drink holder and soap holder are built into the operator command arm for comfort and convenience.

- The 7400 TerrainCut Rough Mower utilizes an easy to use foot-operated tilt steering system.

- The rotary decks are easily lifted and lowered by a single lever joystick. Simply push the handle forward and release to lower the decks, and pull back to raise them.

- The 7400 uses an LED instrument cluster. The instrument cluster includes 8 warning lights, and also features the Sit-on-Seat diagnostic system, which aids operators when they are having difficulty starting the machine.

- The John Deere White Box electrical diagnostic controller is standard with the 7400. The controller module is mounted underneath an access panel visible from the seat to aid in electrical diagnostic troubleshooting.

- A double-acting, single rod hydraulic steering cylinder utilizes equal effort in either turning direction, meaning that you can hold a straight line much easier.

- The standard ROPS meets pending ISO 21299 standards, increasing the operator protection.

- The system also includes seat belts for added safety.

- A large capacity oil cooler is standard equipment. The protectively radiator screen is removable and the oil cooler requires no tools to lift forward for easy cleaning.
### 7400 TerrainCut™ Rough Mower

**Engine:**
- Type: Direct Inject Diesel
- HP: 37.1 hp (27.1 kW) @ 2,500 rpm, PS
- Displacement: 91.3 cu. in. (1,496 cc)
- Fuel: Diesel
- Cooling System: Liquid centrifugal pump; forward machine location for optimum cooling

**Vehicular:**
- Vehicular Drive: Hydrostatic pump to wheel motors; GRP All-Wheel-Drive Transmission System engaged during transport and mow
- Deck-Drive Pump: Gear
- Hydraulic System Capacity: 5.8 U.S. gal. (21.8 L)
- Fuel Tank Capacity: 13 U.S. gal. (49.2 L)
- Steering: Hydraulic power with double-acting steering cylinder
- Steering Tires: 24 x 12-12 Multi-tread
- Front Drive Tires: 24 x 12-12 Turf Trac
- Ground Pressure: 14 psi
- Brakes: Disk and dynamic braking through closed loop hydraulic system
- ROPS with Seat Belts: Standards meets pending EC 27299 standards

**Operating Weight, Less Operators:**
- Deck Up: 2,624 lb. (1190 kg)
- Deck Down: 2,045 lb. (925 kg)

**Controls On Operator Command Arm:**
- Width on demand
- Front deck shift for trimming
- Throttle
- Mower Lift
- PTO
- Ignition Switch
- Work Light (Optional)
- Instrument Cluster
- Storage

**Control Hand:**
- Deluxe suspension seat with seat belts and fore/aft adjustment
- Front parking brake
- Tilt steering
- Forward/reverse

**Dimensions:**
- Height of ROPS: 59 in. (201.8 cm)
- Length: 123 in. (317.4 cm)
- Width: 70.5 in. (179 cm) with 60-in. (152.4 cm) width of cut; 75.5 in. (192.3 cm) with 74-in. (188 cm) width of cut; 60-in. (152.5 cm)
- Wheelbase: 8 to 5.0 mph (0 to 10 km/h)
- Speed: 3 to 9 mph (0 to 14 km/h)
- Reverses: 0 to 5 mph (0 to 8.4 km/h)

**Mower:**
- 3 rear decks - no tool adjustment
- Notch: 22 in. (55.9 cm)
- Top Width of Cut: 60 in. (152.4 cm) or 74 in. (188 cm)
- Height of Cut Range: 1 to 4 in. (2.5 to 10.2 cm) in .25-in. (.6 cm) increments or no tool adjustment

**Warranty:**
- Two-year limited

**Certification:**
- CE and ANSI Z71.1-2010

---

Purchasing Guide
COMMERCIAL LANDSCAPING

Turf Equipment

- Groundskeeping
- John Deere Turf
- Turf Equipment
- New & Used

Providing Quality Turf Maintenance Equipment and Service throughout the Northwest

We service and sell all brands

* Parts  * Service
* Sales  * Rentals

Call Steve Lebsack at 509-953-6482
6615 E. Broadway, Spokane, WA 99212
### Fairway Mower

**Bid Opening Minutes**

**Project:** Fairway Mower  
**Date:** 9-9-13  
**Time:** 3:14 p.m.  
**Those Present:** SJB, KL

<table>
<thead>
<tr>
<th>Bids Received From</th>
<th>Amount</th>
<th>Bidders Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. R MT</td>
<td>38785.06</td>
<td>2 wheel drive</td>
</tr>
<tr>
<td>2. Western Equip.</td>
<td>48142.82</td>
<td></td>
</tr>
<tr>
<td>3. Pacific Golf &amp; Turf</td>
<td>39899.00</td>
<td></td>
</tr>
</tbody>
</table>

10.

**Signatures of those present:**
Dear Stephen,

Thank you for allowing RMT to participate in your bid for a Fairway Mower and Trim Mower. We have decided to No Bid the Trim Mower because we do not have a mower that shifts laterally 14”. We can meet and exceed specifications on the Fairway Mower. Attached please find our bid.

Our closest store to your location is our Lewiston, ID store located at:

RMT Equipment
3113 E. Main Street
Lewiston, ID 83501
(208) 743-4571
(208) 743-4572 Fax

Please call if you have any questions or concerns.

We look forward to doing business with you.

Sincerely,

Cindy Nielsen,
Sales Coordinator
RMT Equipment
801.261.2100
801.262.9740 Fax
cindy@rmtequipment.com
Jacobsen's LF550/570 lightweight fairway mowers offer industry leading productivity and functionality through programmable controls, increased performance and simplified maintenance.

**QUICK SPECS**

- **Engine:** Kubota® diesel and turbocharged diesel

- **Cutting Units:**
  - LF550™: Five 5 in. x 22 in. (12.7 cm x 55.9 cm)
  - LF570™: Five 7 in. x 22 in. (17.8 cm x 55.9 cm)

- **Height of Cut:**
  - LF550™: 0.375-0.75 in. (9.5-19 mm)
  - LF570™: 0.375-1.125 in. (9.5-28.5 mm)
  - High Cut Kit Available

- **Width of Cut:** 100 in. (2.54 m)

- **Dimensions:**
  - Weight: 2242-2421 lbs. (1017-1098 kg) depending on model, with reels down and full fluids
  - Length (less catchers): 108 in. (2.74 m)
  - Height (with ROPS): 88 in. (2.23 m)
  - Width: 115 in. (2.92 m)

[www.jacobsen.com](http://www.jacobsen.com)
**LF550/570™**

**CONTROLS OPTIMIZED**
- InCommand™ Control System console delivers the industry's only passcode-protected, programmable max transport and mow speed settings to control cut frequency - removing tools and operator input from the equation.

**PERFORMANCE MAXIMIZED**
- Jacobsen Classic XP™ Reels provide the industry's highest quality of cut and superior after cut appearance.
- SureTrac™ 4WD system transfers power from the slipping front wheel to the opposite rear wheel providing superior traction for hill climbing and side slopes.

**MAINTENANCE SIMPLIFIED**
- Industry's only active monitoring and full-text diagnostics read-out that identifies fault or open circuits. No additional flashing lights to decode or tools required.

**PRODUCT CONFIGURATION**

**EQUIPPED STANDARD**
- Cruise control
- ROPS with seat belt
- Headlights
- Suspension seat with armrest
- Onboard diagnostics console
- Backlapping valves
- GreensCare™ biodegradable hydraulic fluid

**LF550 CUTTING UNITS**
- 7 blade, 5 in. (12.7 cm) diameter x 22 in. (55.9 cm) FlashAttach™, including 2 in. (5.1 cm) solid tube steel rear roller with scraper
- Vertical reel, .75 in. (19 mm) spacing FlashAttach™

**LF570 CUTTING UNITS**
- 9 blade reel, 7 in. (17.8 cm) diameter x 22 in. (55.9 cm) FlashAttach™, including 2.5 in. (6.35 cm) solid tube steel rear roller with scraper
- 11 blade reel, 7 in. (17.8 cm) diameter x 22 in. (55.9 cm) FlashAttach™, including 2.5 in. (6.35 cm) solid tube steel rear roller with scraper
- Vertical reel, 1 in. (2.5 cm) spacing

**ACCESSORIES**
- 22 in. (55.9 cm) front rollers ranging from 2 in. (5.1 cm) to 3 in. (7.6 cm) – solid tube steel, grooved assembled or machined aluminum or steel
- TurfGroomer®
- Powered rear roller cleaning brush
- Canopy/Sunshade
- Grass Catcher
- High height of cut kit
- Premium air suspension seat
- LED operator platform light kit
- Hood locking latch (required for CE)
- Ballage - 6 post ROPS, canopy and metal mesh

**GENUINE SERVICE PARTS**
- Classic XP Reels (LF550: 7 blade) (LF570: 9 or 11 blade)
- Heavy and medium section bedknives
- MAGKnife™ heavy and medium section bedknives
- GreensCare™ 68 and GreensCare™ plus 68 biodegradable fluid
- 500 hour interval maintenance kit
InCommand™ Control System console puts controls ergonomically within reach of the operator. Includes a full text LCD display, one-touch joystick, electronic cruise control, storage bin and 12V power outlet.

Programmable max mow and transport speeds can be set by the superintendent to ensure consistent cut regardless of operator.

Activate monitoring system provides full text diagnostics making it easy to monitor and maintain.

Exclusive automatic wet parking brakes are maintenance-free and reduce cost of ownership; no linkage, cables, pads, or discs to service, maintain or adjust.

Classic XP™ Reels within solid built steel cutting units feature Advance Reliablity Technology™, providing increased durability, reduced wear and extended life.

Hard tubing with bushing fittings to hoses make long-term maintenance easier, with fewer service parts to stock.

Exclusive electronic controlled hydro provides smooth operation through controlled acceleration and deceleration, helping prevent wheel spin and increase comfort.

Routine service items, including spin-on filters, are all easily accessible and under-the-hood. There's no need for a lift; a flip-up seat or to gain access under the machine.

SureTrac™ 4WD parallel-torsion series system is factory installed on 4WD models and provides superior traction and climbing ability.

FlashAttach™ Reel Mounting System allows for quick reel removal.

Factory-filled with OleensCare™ Biodegradable Hydraulic Fluid
### LF550/570™

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Kubota® V1505Z 4-cylinder, 4-cylinder, liquid cooled, low-emissions-certified diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Horsepower*</td>
<td>35.5 hp (25.5 kW) @ 3000 rpm</td>
</tr>
<tr>
<td>Displacement</td>
<td>91.4 cu. in. (1488 cc)</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Donaldson® dry cartridge type with evaporator, valve and service indicator</td>
</tr>
<tr>
<td>Cooling System</td>
<td>Pressurized, sealed cooling system</td>
</tr>
<tr>
<td>Lubrication System</td>
<td>Fully pressurized</td>
</tr>
<tr>
<td>Fuel Capacity</td>
<td>17 gal. (64.4 L)</td>
</tr>
<tr>
<td>Oil Filter Type</td>
<td>Full-flow, replacement spin-on type</td>
</tr>
<tr>
<td>Electrical System</td>
<td>12 V (0.8 kW) starter, 80 amp alternator/rectifier</td>
</tr>
</tbody>
</table>

**Turbocharged Engine Option**

<table>
<thead>
<tr>
<th>Type</th>
<th>Kubota® V1505TE 4-cylinder, 4-cylinder, turbocharged liquid cooled, low-emissions-certified diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horsepower</td>
<td>44.2 hp (32.9 kW) @ 3000 rpm</td>
</tr>
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</table>

**Speed (Maximum):**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mowing</td>
<td>8 mph</td>
</tr>
<tr>
<td>Transport</td>
<td>12 mph</td>
</tr>
<tr>
<td>Reverse</td>
<td>5 mph</td>
</tr>
</tbody>
</table>

**Traction and Drive:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Traction Drive</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Variable displacement, electronically controlled hydraulic drive, 4WD models SureTec™ parallel-cross-series traction system</td>
<td></td>
</tr>
</tbody>
</table>

**Traction Drive:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Traction Drive</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Variable displacement, electronically controlled hydraulic drive, 4WD models SureTec™ parallel-cross-series traction system</td>
<td></td>
</tr>
</tbody>
</table>

**Real Lift:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Real Lift</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Joystick control, one-touch lift/power control for all five reels</td>
<td></td>
</tr>
</tbody>
</table>

**Hydraulic System:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Capacity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14 gal. (53 L)</td>
<td>Capacity; GreensCare® blade-degradable hydraulic fluid; oil monitor with low-oil alarm standard</td>
</tr>
</tbody>
</table>

**Hydraulic Cooling:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydraulic oil cooler; large volume, full-flow 10-micron filter</td>
</tr>
</tbody>
</table>

**Tires, Brakes and Steering:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Tires</th>
<th>Brakes</th>
<th>Steering</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Front 26.5 x 14.0 - 11 tubes</td>
<td>Dynamic, through traction system</td>
<td>Rear-wheel hydraulic power steering</td>
</tr>
<tr>
<td></td>
<td>Rear 20 x 10.0 - 8 tubes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Blades:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Number and Size</th>
<th>Number of Blades</th>
<th>Cutting Frequency</th>
<th>Overall Cutting Width</th>
<th>Height-of-Cut* ( Depending on turf condition, reed and grass installed)</th>
<th>Weight and Dimensions</th>
<th>Length (less catches)</th>
<th>Height (with ROCPS)</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1FS50: Two 5 in. (12.7 cm) diameter x 22 in. (55.9 cm)</td>
<td>7 heavy section way blades</td>
<td>1FS550: 7 blades - 0.074 in./mph (1.88 mm/km/h)</td>
<td>100 in. (2.54 m)</td>
<td>0.375 - 0.75 in. (9.5 - 19.0 mm)</td>
<td>1FS550 2WD: 2837 lbs. (1287 kg)</td>
<td>106 in. (2.74 m)</td>
<td>88 in. (2.23 m)</td>
<td>88 in. (2.23 m)</td>
</tr>
<tr>
<td></td>
<td>1FS70: Five 7 in. (17.8 cm) diameter x 22 in. (55.9 cm)</td>
<td>8 or 11 heavy section way blades</td>
<td>1FS70: 9 blades - 0.079 in./mph (2.02 mm/km/h)</td>
<td>110 in. (2.80 m)</td>
<td>0.375 - 1.25 in. (9.5 - 31.8 mm)</td>
<td>1FS70 2WD: 3125 lbs. (1412 kg)</td>
<td>110 in. (2.79 m)</td>
<td>88 in. (2.23 m)</td>
<td>88 in. (2.23 m)</td>
</tr>
</tbody>
</table>

*Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

NOTE: Specifications, while correct at time of printing, may change without notice.

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The newest addition to Jacobsen's legendary line of LF mowers, the LF510 provides superior quality-of-cut, fits the budget and is a simple Tier 4 Final emission regulation solution.

QUICK SPECS

Engine: Kubota® diesel

Cutting Units: Five, TrueSet™ 5 in. (12.7 cm) x 22 in. (55.9 cm)

Height of Cut: 0.375-0.75 in. (9.5-19 mm)
High Cut Kit Available

Width of Cut: 100 in. (2.54 m)

Dimensions:
Weight: 1969-2184 lbs. (893-995 kg) depending on model, with reels down
Length: 108 in. (2.74 m) less catchers
Height: 59.7 in. (1.49 m) top of steering wheel, 86 in. (2.23 m) top of ROPS
Width: 115 in. (2.92 m)

www.jacobsen.com
Control Console puts operation controls ergonomically within reach on armrest including a one-touch joystick, mow engage switch, headlights switch, indicator warning lights, hour meter, storage bin and 12V power outlet.

Classic X9™ Reels within solid built welded frame feature Advance Relief Technology™ providing increased durability, reduced wear and extended life.

New TrueSet™ Cutting Units feature fast bedknife-to-reel setting, easy adjustment and industry-leading holding power to deliver Jacobsen's clean and consistent quality-of-cut.

FlashAttach™ Reel Mounting System allows for quick and easy removal and installation of cutting units (no tools required).

Routine service items including spin-on filters, are all easily accessible and under-the-hood. Side-by-side radiator and oil cooler with removable screen allow for quick cleaning.

Onboard electronic control module precisely manages function timing and delivers quick, accurate identification of service issue.

SureTrac™ 4WD parallel-cross series system transfers power where needed to provide superior traction for hill climbing and side slope operation.

LF510™ 4WD shown with TrueSet™ cutting unit and grooved steel front rollers.

Exclusive wet parking brakes are maintenance-free, offer a lower cost of ownership and have no linkage, cables, pads or disks to service, maintain or adjust.

Lightweight mower distributes only 10 psi of operating pressure on the turf.
EASY ON YOUR BUDGET

• Affordability from the start and through its life with 100 in. (2.54 m) of productivity and simplified maintenance including wet park brakes, an onboard control module, and easily accessible routine service items.

EASY ON YOUR TURF

• Features Jacobsen’s new TrueSet cutting units with Classic XP reels for fast bedknife-to-reel adjustment and industry-leading holding power to deliver a clean and consistent quality-of-cut.
• The lightweight mower design distributes less than 10 psi of operating ground pressure on the turf.

EASY ON THE ENVIRONMENT

• Powered by a rugged and reliable Kubota Tier 4 Final engine for simple emission compliance.

PRODUCT CONFIGURATION

EQUIPPED STANDARD

✓ Suspension seat with armrest
✓ Onboard control module
✓ Backlapping valves
✓ Headlights
✓ ROPS with seat belt – 4WD models only

CUTTING UNITS

☐ TrueSet™ 7 blade, 5 in. (12.7 cm) diameter x 22 in. (55.9 cm)
  FlashAttach™, including 2 in. (5.1 cm) solid tube steel
  rear roller with scraper
☐ Verticut reel, .75 in. (19 mm) spacing, FlashAttach™

ACCESSORIES

☐ 22 in. (55.9 cm) Front rollers ranging from 2.4 (6.1 cm) to 3
  in. (7.6 cm) - solid tube steel, grooved assembled or machined
  aluminum or steel
☐ Turf Groomer®
☐ Powered rear roller cleaning brush
☐ Canopy Sunshade
☐ Grass Catcher
☐ High height of cut kit
☐ Hood locking latch (required for CE)
☐ ROPS with seat belt kit (required for 2WD model
  before using on hills or slopes)
☐ Control console swivel kit

GENUINE SERVICE PARTS

☐ Classic XP Reels – 7 blade
☐ Heavy and medium section bedknives
☐ MAGKnife™ medium section bedknives
☐ 10W-30 hydraulic fluid (standard)
☐ GreensCare™ 68 and GreensCare™ plus 68
  biodegradable fluid (optional)

AVAILABLE MODELS

LF510 2WD
LF510 4WD

CANOPY SUNSHADE
POWERED REAR ROLLING CLEANING BRUSH
## LF510™

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Engine</th>
<th>Kubota® D1105SE 3-cylinder, liquid-cooled, low-emissions certified diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Horsepower*</td>
<td>24.8 hp (18.6 kW) @ 3000 rpm</td>
</tr>
<tr>
<td>Emissions Level</td>
<td>EPA Tier 4 Final (EU Stage IIIA)</td>
</tr>
<tr>
<td>Displacement</td>
<td>68.5 cu. in (1.12 l)</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Dry cartridge type with evacuator, valve and service indicator</td>
</tr>
<tr>
<td>Cooling System</td>
<td>Pressurized, sealed cooling system; lubrication - fully pressurized</td>
</tr>
<tr>
<td>Fuel Capacity</td>
<td>17 gal (64.4 l)</td>
</tr>
<tr>
<td>Oil Filter Type</td>
<td>Full-flow, replacement spin-on type</td>
</tr>
<tr>
<td>Electrical System</td>
<td>12 V (0.8 kW) starter; 40 amp alternator/regulator</td>
</tr>
</tbody>
</table>

### Speed (Maximum)

| Moving | 8 mph (12.8 km/h) |
| Transport | 10 mph (16 km/h) |
| Reverse | 4 mph (6.4 km/h) |

### Transmission and Drive

| Transmission | Variable displacement, hydrostatic pump with 3 high-torque wheel motors; 4WD models: SureTrac™ parallel-cross-series traction system |
| Drive Gear | Gear pump with quick disconnect (Floid-Attach) coupled real motors, solenoid controlled mower valve, back-up braking standard |
| Tread Lift | Lever or gear two-speed, one-touch (Floid-Attach) for all five reels |
| Hydraulic System | 14 gal (53 l) capacity; oil monitor with low-oil alarm standard |
| Hydraulic Cooling | Hydraulic oil cooler, large-volume, full-flow 10 micron filter |

### Tires, Brakes and Steering

| Front Tires | 25.5 x 14.0-12 tubeless |
| Rear Tires | 20 x 10.0-8 tubeless |
| Brakes | Dynamic, through-axle traction system |
| Parking Brakes | Wet parking brake integrated in front wheel motors, engage switch on control console |
| Steering | Rear wheel, hydrostatic power steering |

### Colors and Blades

| Number and Size | Five 1 in. (12.7 cm) diameter x 22 in. (55.9 cm) |
| Number of Blades | 7 heavy section fairway blades |
| Cutting Frequency | 7 blades: 0.75 in. (19.1 mm) |
| Overall Cutting Width | 100 in. (2.54 m) |
| Height-of-Cut | 0.5975-0.75 in. (15.2 - 19.1 mm); available high-cut kit raises cutting height to 1.187 in. (30.2 mm) |

### Weight and Dimensions

<table>
<thead>
<tr>
<th>Weight with Reels Up (full loads, less operator)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2WD without ROPS: 2594 lbs. (1177 kg)</td>
</tr>
<tr>
<td>2WD with ROPS: 2738 lbs. (1242 kg)</td>
</tr>
<tr>
<td>4WD: 2813 lbs. (1278 kg)</td>
</tr>
<tr>
<td>Weight with Reels Down (full loads, less operator; weight an tires for ground pressure)</td>
</tr>
<tr>
<td>2WD without ROPS: 1939 lbs. (878 kg)</td>
</tr>
<tr>
<td>2WD with ROPS: 2078 lbs. (940 kg)</td>
</tr>
<tr>
<td>4WD: 2154 lbs. (975 kg)</td>
</tr>
<tr>
<td>Ground Pressure</td>
</tr>
<tr>
<td>Length</td>
</tr>
<tr>
<td>Height</td>
</tr>
<tr>
<td>ROPS</td>
</tr>
<tr>
<td>Width</td>
</tr>
</tbody>
</table>

### Diagnostics

- Green vacuum control module with light-emitting diode display and alerts for all in diagnostics

### Gauges

- Fuel gauge, hour meter, and indicator warning lights: diagnostics light, glow plug indicator high engine coolant temperature, engine oil pressure and battery voltage

*Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

** The LF510 2WD without ROPS is for use in specific situations on level ground with no potential of roll over. This unit is NOT for use on hills or slopes. Jacobsen recommends the use of a certified ROPS and seat belt in all instances where hills or slopes may be encountered - optional ROPS with seat belt kit required.

NOTE: Specifications, while correct at time of printing, may change without notice.
STATEMENT OF LIMITED WARRANTY/GUARANTEE

To make a claim under warranty, contact an authorized Jacobsen dealer/distributor immediately upon realizing a problem exists. We recommend having the warranty work performed by the dealer who originally sold you the unit; however, warranty work can be sought from any authorized Jacobsen dealer/distributor. Your product must be delivered to an authorized Jacobsen dealer/distributor within the warranty period, and all warranty work must be performed only by an authorized dealer. Proof of purchase will be required by the dealer to substantiate any warranty claim.

EXAMPLES OF ITEMS NOT COVERED UNDER WARRANTY

- Normal service requirements arising during the warranty period, such as carburetor or ignition adjustment and cleaning or wear of a drive belt, brake, clutch linings or starter brushes.
- Normal service work over and above the repair and replacement of defective parts.
- Units subject to misuse, neglect, negligence, or accident.
- Units that have been altered or modified so as to adversely affect their operation, performance or durability or to change its intended use.
- Repairs made necessary by the use of parts or accessories which are either incompatible with the unit or adversely affect the operation, performance or durability.
- Units not operated or maintained in accordance with the instructions in the Operator's Manual.
- Normal cleaning, adjusting or replacing of such items as filter, spark plugs, ignition points, light bulbs, fuses or starter drive.
- Periodic checking or adding of lubricants to the unit or service check-up, tune-up or diagnosis.

Expense of delivering the unit to the dealer and expense of returning the unit back to the owner, mechanic's travel time, trailer or towing charges, or rental of a like unit during the time warranty repairs are being performed.

Engines, tires, batteries, regulators and starter-generators manufactured by other than Jacobsen are not covered under this warranty as such parts are usually warranted by their respective manufacturers. This warranty applies only to the original retail purchaser. Second-owner or subsequently owned units are not covered under warranty.

OWNER'S OBLIGATION AND RESPONSIBILITY

- Normal maintenance service and replacement of service items are the responsibility of the owner and as such are not considered defects in material or workmanship within the terms of the warranty. Individual operating habits and usage contribute to the need for maintenance service.
- See your Jacobsen dealer/distributor for proper maintenance and care of your unit. Proper maintenance and care will assist in keeping your overall operating cost at a minimum.
- To validate a warranty claim, it is the owner's responsibility to maintain all components in proper adjustment and service the unit as specified in the Operator's Manual. It is the owner's responsibility to provide proper lubrication for all components and provide correct recommended fuel for the unit. It is the owner's responsibility to maintain the battery liquid level and charge as specified, as well as maintaining the correct pressure in the unit's tires. At the end of the first year the owner must have the product serviced by an Authorized Jacobsen Dealer/Distributor to be eligible for the second year of warranty coverage.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

Jacobsen
A Textron Company
28 August 2013

To: Mark Jones, Western Equipment Distributors, Phone: 509-701-1467, Fax: 509-483-7583, mark.jones@western-equip.com
Steve Lebsack, Pacific Golf & Turf, Spokane, WA 99212, Phone: 509-335-5663, slebsack@cascadeturf.net
Mr. Jeff Brown, RMT Equipment, Lewiston, ID, Phone 801-633-2599, jbrown@rmequipment.com

Subject: Quote for 2013 City of Bonners Ferry Fairway Mower

The City of Bonners Ferry desires to purchase a new, or low hour, Fairway mower for our municipal golf course. We are looking at a Toro Reelmaster 5410 or equivalent. The attached specifications are based on the Toro Fairway mower.

If the product you are quoting is not the Toro please identify any specifications for which your product does not meet the Toro specifications. Also please note any special features, and/or advantages of the mower you are quoting.

Information requested in the quote:

1. Purchase price
2. The City would like to consider a 5 year lease option. Therefore please provide the details of a 5 year lease option if available.
3. Any additional options, with price, you would recommend.
4. Any areas where the quoted mower does not meet the specifications
5. Any special features of the quoted mower
6. Warranty details

For purpose of bid comparison, a low hour used mower’s price will be adjusted based on a 2,000 hour life. i.e. (new price) * 0.05% * (hours) = price adjustment.

Response to this request for quote is per Idaho Code Title 67 Chapter 28. Your quote needs to be provided by 2:00 p.m., Monday, 9 September 2013. If you have any objections to these specifications they need to be provided by 2:00 p.m., Wednesday, 4 September 2013. Quotes can be submitted directly to City Hall, faxed to 208-267-4375, or e-mailed to kiarson@bonnerrferry.id.gov.

The City reserves the right to accept the bid it deems most advantageous and to waive formalities.

If you have any questions feel free to call me at 267-0357.

Sincerely,

SJB

Stephen Boorman
City Administrator
Attachment 1 – General Specifications

The desired machine is a professional grade golf and turf mower designed for Fairway areas on a golf course.

1. To be a minimum of two wheeled drive
2. Hydrostatic transmission
3. Engine to be a diesel fuel engine with a minimum of 30 horsepower
4. Minimum 2 year warranty on parts and workmanship
5. Reel type cutting units.
6. Minimum width of cut to be 98 inches
To: City of Bonners Ferry  
Re: Bid for Mirror Lake Golf  
Toro 5410 Reelmaster Fairway mower Check List  

As requested, I am providing the checklist of quote attachments. I have enclosed the exact specifications for the Toro 5410 Reelmaster fairway mower. It meets all specifications exactly. This unit has several features unmatched by anyone else in the industry. #1 Our dual point adjustment cutting units and greens quality cutting ability. #2 the design allows access to all components of the unit without disassembling anything else for access. #3 the traction unit design eliminates the 4 tire marks in the mowing pattern and reduces to two.

This unit will be new and a 2103 production model with a 2 year 1500 hour warranty on parts and labor.

If required I can provide references from all over our area and the country, as this is the leader in sales.

Sincerely,

Mark Jones  
SCPS Certified  
Territory Sales Mgr. 509-701-1467
CITY OF BONNERS FERRY
7232 Main Street
P.O. Box 149
Bonners Ferry, Idaho 83805
Phone: 208-267-3105 Fax: 208-267-4375

Quote – 2013 City of Bonners Ferry Mower

Base Mower Price  **TORO 5410 Reelmaster Fairway Mower**

Fourty eight thousand one hundred forty two dollars eighty two cents

<table>
<thead>
<tr>
<th>(Amount spelled out in words)</th>
<th>(Amount spelled out in numbers)</th>
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<tbody>
<tr>
<td>Additional recommended options and cost</td>
<td><strong>$48,142.82 (tax included)</strong></td>
</tr>
</tbody>
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Option **Eight Blade cutting units and Powered Rear Roller Brushes**

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<tr>
<td>(Amount spelled out in words)</td>
<td>(Amount spelled out in numbers)</td>
</tr>
</tbody>
</table>

Understanding that this lump sum price and per unit prices includes all permit fees, sales and consumer use taxes, etc. required by law or regulation.

Signed  **Mark Jones**

Name and Title  **Mark Jones Area Sales Mgr.**

Date

Company Name  **Western Equipment/ Toro**

Company Address  

Spokane WA. 99207

Phone Number  **509-701-1467**

Fax Number  **509-483-7563**

Quote Form (2) 8/28/2013
Check List of Quote Attachments:

- [ ] Full mower specifications
- [ ] Attached details of a 5 year lease option, if available.
- [ ] Any areas where the quoted mower does not meet the specifications
- [ ] Any special features of the quoted mower
- [ ] Hours and details if mower is a demo or is used
- [ ] Warranty details
- [ ] References if desired.
Reelmaster® 5210 & 5410 Specifications* (continued)

**6-BLADE CUTTING UNITS, MODEL D52461**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>5-pex, hydraulically driven, balanced cutting units with adjustable rear weight transfer spring. Cutting units feature quick disconnect for removal/installation and are interchangeable to all positions. Cutting units also feature rear brow capability.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE</td>
<td>28&quot; (66 cm) wide, 5&quot; (12.7 cm) diameter, 8 blade cutting units.</td>
</tr>
<tr>
<td>WIDTH OF CUT</td>
<td>100&quot; (254 cm)</td>
</tr>
<tr>
<td>HOC RANGE</td>
<td>0.25&quot; - 1.0&quot; (6.4-25.4 mm) standard. Up to 1.5&quot; (38.1 mm) with high height of cut kit.</td>
</tr>
<tr>
<td>REEL SPEED</td>
<td>Manually controlled, variable reel speed for control of clip frequency. Reel speeds are incrementally adjustable between 200-1,975 rpm with a backup speed of 200 rpm.</td>
</tr>
<tr>
<td>BEDKNIFE ADJUSTMENT</td>
<td>Dual Precision Adjuster (DPA), bedknife to reel.</td>
</tr>
<tr>
<td>ROLLERS</td>
<td>3&quot; (7.6 cm) diameter, deep groove Wishie front roller; 2.5&quot; (6.4 cm) diameter shortened rear roller. Other roller configurations optional.</td>
</tr>
</tbody>
</table>

**FAIRWAY GROOMER MODELS D5665 & D5666 OPTIONAL BROOMER® PART 7-10-9085**

| TYPE             | Rotating blades with optional Broomer® brush strips that are woven within the blade belly for full width turf contact.                                                                          |
| GROOMING WIDTH   | 20.5" (52.1 cm)                                                                                                                                                                               |
| GROOMING RANGE   | 0-0.25" (0-6.4 mm) below height of cut when engaged, 0-0.25" (0-6.4 mm) above height of cut when disengaged.                                                                                |
| BLADES           | 2.5" (6.4 cm) diameter, 0.042" (1 mm) thick heat treated spring steel blades with 0.5" (12.7 mm) spacing.                                                                                  |

**POWERED REAR ROLLER BRUSH MODEL D3665**

| TYPE       | Rotating, helically woven, stiff bristled brush.                                                                                                                                         |
| CONTACT POINTS | Tightly woven 11 point contact.                                                                                                                                                         |
| SPIN RATE  | Rapid 2000 rpm spin rate.                                                                                                                                                                 |

<table>
<thead>
<tr>
<th>ACCESSORIES</th>
<th>Model</th>
<th>Description</th>
<th>Model</th>
<th>Description</th>
<th>Model</th>
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<tbody>
<tr>
<td>03571</td>
<td>CrossTrax® All-Wheel Drive</td>
<td>03594</td>
<td>Ventilator Reel</td>
<td>107-3280</td>
<td>Rear Roller Scraper</td>
<td>110-4974</td>
<td>Heavy Duty Bedknife</td>
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<tr>
<td>035321</td>
<td>&quot;TurfDefender&quot; Leak Detector</td>
<td>30355</td>
<td>Universal Mount Sustainer</td>
<td>107-2863-03</td>
<td>Wishie Roller Scraper</td>
<td>110-9500</td>
<td>High Height of Cut Kit</td>
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<td>03667</td>
<td>Air-Hide Seat Suspension</td>
<td>08662</td>
<td>Grass Basket Kit</td>
<td>110-4084</td>
<td>Low Cut Bedknife</td>
<td>110-3370</td>
<td>5&quot; - 5 Blade Reel only</td>
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*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual production models may vary in design, required attachments and safety features. Consult your local Toro Distributor.

The Reelmaster 5210 & 5410 are manufactured in Toron, WI. ISO 9002 Certified Plant.
As requested, I am providing NIPA pricing for the Toro 3500 Sidewinder and the 5410 Fairway mower. Please see the following. Note the purchase prices do not include sales tax. TCEF finance is the institution whose lease rates I derived these figures from. This is a municipal rate of 3.99%. I have also sent the credit application for them which should be filled out and sent to them directly. Marc Callahan will be the man from TCEF Finance who you will be dealing with. Marc is excellent at his job and will make this a very easy transaction. Please note there is a one payment in advance clause for municipal transactions.

Toro 3500 Sidewinder #30839n comes complete $32,651.63 (purchase Price).

Toro 5410 Reelmaster fairway mower #03067on comes with #03694 eight blade cutting units, #03668 powered rear roller brushes $45,417.76 (purchase price)

As requested, I am providing 2 options for this Conditional sales contract (dollar buyout). A 36 monthly payment plan and 60 month payment plan.

**Purchase price for both units**
3500 Toro Sidewinder $32,651.63
5410 Reelmaster $45,417.76
Total purchase price for both units $78,069.39

**CSC lease options**
Purchase price $78,069.39 (both units)
Documentation fee $250.00
Lease figure $78,319.39

36 month payment plan rate factor of .02942
$2,304.15 plus 6% sales tax=$138.24 *Total monthly payment for 36 months $2,442.39

60 month payment plan rate factor of .01835
$1,437.16 plus 6% sales tax=$86.22 *Total monthly payment for 60 months $1,523.38

Please let me know if I can do anything else for you. Thank you for the opportunity.
Please note that depending on time frame of transaction, these figures could vary slightly. Unfortunately, time is of the essence here. In order to beat the normal price changes in mid October we are also up against availability on the non tier 4 models. To make this all happen we need to order as soon as possible and have shipped and delivered before mid October.

Sincerely,

Mark Jones
SCPS Certified
 Territory Sales Mgr. 509-701-1467
Date: 9-9-13

Pages: 10

To: city of Bonners Ferry

Attn: Stephen Boonman, Klavson, City Hall

Fax No: 208-247-4375

From: STEVE LEBSAK

Subject: city of Bonners Ferry Quote for 2013 city of Bonners Ferry Goodyear Masar

Thank you
STEVE LEBSAK

Steve Lebsack
Pacific Golf & Turf
5615 E. Mallon Ave.
Spokane, WA 99212
Phone: (509) 535-3663 x1502
Fax: (509) 535-9116
slebsack@pacificgolfturf.com
28 August 2013

To: Mark Jones, Western Equipment Distributors, Phone: 509-701-1467, Fax: 509-483-7583, mark.jones@western-equip.com
Steve Lebsack, Pacific Golf & Turf, Spokane, WA 99212, Phone: 509-535-3663, slebsack@cascadeturf.net
Mr. Jeff Brown, RMT Equipment, Lewiston, ID, Phone 801-633-2599, jbrown@rmtequipment.com

Subject: Quote for 2013 City of Bonners Ferry Fairway Mower

The City of Bonners Ferry desires to purchase a new, or low hour, Fairway mower for our municipal golf course. We are looking at a Toro Reelmaster 5410 or equivalent. The attached specifications are based on the Toro Fairway mower.

If the product you are quoting is not the Toro please identify any specifications for which your product does not meet the Toro specifications. Also please note any special features and/or advantages of the mower you are quoting.

Information requested in the quote:

1. Purchase price
2. The City would like to consider a 5 year lease option. Therefore please provide the details of a 5 year lease option if available.
3. Any additional options, with price, you would recommend.
4. Any areas where the quoted mower does not meet the specifications
5. Any special features of the quoted mower
6. Warranty details

For purpose of bid comparison, a low hour used mower’s price will be adjusted based on a 2,000 hour life, i.e. (new price) * 0.05% * (hours) = price adjustment.

Response to this request for quote is per Idaho Code Title 67 Chapter 28. Your quote needs to be provided by 2:00 p.m., Monday, 9 September 2013. If you have any objections to these specifications they need to be provided by 2:00 p.m., Wednesday, 4 September 2013. Quotes can be submitted directly to City Hall, faxed to 208-267-4375, or e-mailed to klaron@bonnersferry.id.gov.

The City reserves the right to accept the bid it deems most advantageous and to waive formalities.

If you have any questions feel free to call me at 267-0357.

Sincerely,

STB

Stephen Boorum
City Administrator
Attachment 1 – General Specifications

The desired machine is a professional grade golf and turf mower designed for Fairway areas on a golf course.

1. To be a minimum of two wheeled drive
2. Hydrostatic transmission
3. Engine to be a diesel fuel engine with a minimum of 30 horsepower
4. Minimum 2 year warranty on parts and workmanship
5. Reel type cutting units.
6. Minimum width of cut to be 98 inches
QUOTE FOR 2013 CITY OF BONNERS FERRY FAIRWAY MOWER

BID INFORMATION

1. PURCHASE PRICE - $39,899.00
2. PRODUCT IS - JOHN DEERE 7500 FAIRWAY MOWER.
3. LEASING PROVIDED BY JOHN DEERE FINANCIAL (OAC) WE ARE THE ONLY COMPANY OF THE BIG THREE (JOHN DEERE, TORO, AND JACOBSEN) WITH OUR OWN FINANCIAL ARM.
4. MUNICIPAL LEASE RATE FOR 60 MONTH LEASE PURCHASE IS - 4.3%
   a. ABILITY TO CUSTOMIZE PAYMENT OPTIONS - MONTHLY, SKIP PAYS, ANNUAL, ETC.
   b. TERM ON LEASE PURCHASES- UP TO 60 MONTHS,( 72 MONTHS IN SOME CASES)
   c. 100% TRANSPARENCY
   d. LEASE WONT BE SOLD
   e. NO PENALTY FOR EARLY PAYOFF IN CASE THE CITY WANTS TO PAY THE LEASE OFF.
5. MEETS ALL SPECIFICATIONS REQUESTED
6. SPECIAL FEATURES OF JOHN DEERE 7500 FAIRWAY MOWER.
   a. 22” QUICK ADJUST STANDARD CUTTING UNITS FOR EASY, ACCURATE, AND QUICK. (WITH THE SPEED LINK)
   b. DUAL ACTING REAR STEERING STABILIZER, FOR CLEANER, MORE PRECISION, MOWING LINES.
   c. REAR ATTACHING POINTS ON CUTTING UNITS AND HYDRAULIC DOWN PRESSURE ENSURE CONSISTENCY IN THE QUALITY OF CUT.
   d. 37.1 HP DIESEL ENGINE.
7. WARRANTY-
   a. 24 MONTH UNLIMITED HOURS FACTORY JOHN DEERE WARRANTY.
   b. EXTENDED WARRANTY OPTIONS AVAILABLE.

2. ATTACHMENT 1-GENERAL SPECIFICATIONS
1. TWO WHEEL DRIVE
2. HYDROSTATIC TRANSMISSION
3. 37 HP DIESEL ENGINE
4. 24 MONTHS UNLIMITED HOURS FACTORY JOHN DEERE WARRANTY
5. QUICK ADJUST (QA5) STANDARD 5” REELS.
6. WIDTH OF CUT IS 100 INCHES
# Quote Summary

## Quote Header

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<tr>
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<td>Stephen Boorman</td>
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<tr>
<td>Contact Phone</td>
<td>208-267-0337</td>
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<td>Contact Fax</td>
<td>208-267-4375</td>
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<td>Contact Email</td>
<td><a href="mailto:kiarson@bonnersferry.id.gov">kiarson@bonnersferry.id.gov</a></td>
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| Subtotal | 39,899.00 |
| Sales Tax | 0.00 |
| Grand Total | 39,899.00 |

## Related Documents

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http://pppweb/quote/Search/Unitsummary/33719

9/9/2013
Quotation

From: PACIFIC GOLF & TURF
6615 E. KOLLON AV.
SPOKANE VALLEY, WA 99212
Cell: 509-353-6482
Office: 509-335-3663
SLEBSACK@pacificgolfandturf.com

To: STEPHEN BOORMAN
CITY OF BONNERS FERRY
7232 MAIN STREET
PO BOX 149
BONNERS FERRY, ID 83805
Phone: 208-267-0357
Fax: 208-267-4375
klarson@bonnersferry.id.gov

Date: September 09, 2013
Quote #: 33719

<table>
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<tr>
<th>Description</th>
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<tr>
<td>7500 PREC CUT FAIRWAY</td>
<td>$39,899.00</td>
</tr>
<tr>
<td>1 - QUICK ADJUST 5 (QA5) 7 BLADE STD CUTTING UNIT</td>
<td></td>
</tr>
<tr>
<td>1 - 22 INCH X 2 INCH MACHINE GROOVED FRONT ROLLER</td>
<td></td>
</tr>
<tr>
<td>1 - 22 INCH X 2 INCH SMOOTH REAR ROLLER</td>
<td></td>
</tr>
</tbody>
</table>

*This is a new factory unit with full factory warranty.

Subtotal: $39,899.00
Sales Tax: $0.00
Total: $39,899.00

*Quote is valid for 30 days. Sales Tax is estimated. Subject to credit approval.

Accepted By: ___________________________ Date: __/__/____

Title: ___________________________
JOHN DEERE 2 YEAR WARRANTY
FOR NEW GOLF & SPORTS TURF PRODUCTS

A. GENERAL PROVISIONS
John Deere will repair or replace, at its option, any parts (except those specified in C below) of new John Deere Golf & Turf products listed in Sections B.1 and B.2 below, as delivered to the original retail purchaser, that are defective in material or workmanship. Performance of the warranties will be free of charge for parts and labor, except as otherwise stated below.

B. WHAT IS WARRANTED
1. Basic Machine Warranty
   All parts of the John Deere product are covered by warranty for 24 months and unlimited hours, from the date of delivery.
   - Aerator: 800, 1000, 1500, 2000
   - Bunker Rake: 1200A & 1200H
   - Core Pulverizer: CP-48
   - Debris Maint: TC-125
   - Rotary Mowers: 3245, 7000 & 8000 Series
   - Trailing Gang: 356-5 & 7 Geng

2. Exceptions
   - Product with 24 months or 1500 hours, whichever comes first.
   - ProGator: 2020, 2030, 2020A, 2030A
   - Turf Gator: Turf, TX Turf
   - Sprayer: 200, HD200, HD300
   - Top Dresser: TD100
   - Turf Gator: E Gator, TE Gator

C. ITEMS WARRANTED SEPARATELY
   This warranty does not apply to batteries, radials, tires, and spray controller which are covered by separate written warranties, unless listed in the applicable Parts Catalog.

D. ITEMS NOT COVERED
   John Deere is not responsible for the following:
   1. Premiums charged for overtime labor requested by the purchaser.
   2. Service calls made by the distributor.
   3. Used products.
   4. Any product that has been altered or modified in ways not approved by John Deere, including, but not limited to, setting injection pump fuel delivery above John Deere specifications.
   5. Depreciation or damage caused by normal wear, lack of reasonable and proper protection during storage, or accident.
   6. Normal maintenance and replacement of maintenance and wear items, such as oil, filter, coolants and conditioners, blades and other cutting/mowing parts, belts, brake and clutch linings, spark plugs, hoses, tires and batteries.

E. PARTS REPLACED UNDER WARRANTY
   Only new or remanufactured parts or components furnished or approved by John Deere, will be used to repair the product. If any such part or component is defective in material or workmanship when installed in the product, John Deere will repair or replace, as it elects, such defective part or component, provided the defect is reported to an authorized John Deere distributor within ninety days of installation or before expiration of the product’s warranty, whichever is earlier.

F. SECURING WARRANTY SERVICE
   To obtain performance of this warranty, the original retail purchaser must request warranty service from a John Deere Authorized Dealer authorized to sell the product to be serviced. When making such a request, the purchaser must present evidence of the product’s delivery date, make the product available to the authorized John Deere Authorized Dealer’s place of business, and inform the distributor in what way the purchaser believes the product to be defective.

G. NO IMPLIED WARRANTY OR OTHER REPRESENTATION
   Where permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations or promises as to the quality, performance or freedom from defect of the product covered by this warranty. NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS IS MADE.

H. LIMITATION OF PURCHASER’S REMEDIES
   Where permitted by law, the purchaser’s only remedies in connection with his breach of warranty on John Deere Golf & Turf Products are those set forth on this page. In no event will the distributor, John Deere or any company affiliated with John Deere be liable for incidental or consequential damages, including but not limited to loss of profits, rental of substitute equipment or other commercial loss.

I. NO DISTRIBUTOR WARRANTY
   The selling distributor makes no warranty of its own on any item warranted by John Deere and makes no warranty on any other item unless it delivers to the purchaser a separate written certificate specifically warranting the item.

THE DISTRIBUTOR HAS NO AUTHORITY TO MAKE ANY REPRESENTATION OR PROMISE ON BEHALF OF JOHN DEERE, OR TO MODIFY THE TERMS OR LIMITATIONS OF THIS WARRANTY IN ANY WAY.

DC-1378 (Effective 1 Nov 2006)
**7500, 7700, 8500 and 8700 PrecisionCut™ Fairway Mowers**

**FEATURES**

- A powerful 371 hp (277 kW), 1456 lb-ft (2000 Nm) turbocharged diesel engine provides plenty of power on the 7500 Series Fairway Mowers. The 8500 also offers extra horsepower for enhanced hill climbing and cutting performance. This series features a powerful 43.4 hp (32.4 kW), 945 lb-ft (1280 Nm) diesel turbocharged engine with an intercooler.

- The PrecisionCut Fairway Mowers models are equipped with 22" Cut-Adjust cutting units. The 7500 and 8500 feature a 22" dia. wheel with belt-drive to-reel adjustment and, the 7700 and 8700 feature a 24" dia. wheel with belt-drive to-reel adjustment.

- The revolutionary Sport Link™ height-of-cut system makes it possible to adjust height-of-cut incredibly quickly. A unique bar connects both sides of the rear roller to a high-strength aluminum arm, allowing one-inch or half-inch adjustments to be made to both sides of the roller simultaneously. Just by pulling the handle, you can raise or lower the height-of-cut.

- The 7500 and 8500 models are equipped with three features which work together to ensure a consistently level cut and help eliminate stringy grass - a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar, and a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar.

- The hydraulic down pressure system for consistent mowing performance. The hydraulic down pressure system can be turned off, which reduces the weight on the cutting units, allowing you to easily maneuver the mower. When the down pressure is turned on, the cutting units down to the ground, providing a consistent cutting height. When the down pressure is turned off, the cutting units lift up, allowing you to easily maneuver the mower.

- The 7500 and 8500 models are equipped with three features which work together to ensure a consistently level cut and help eliminate stringy grass - a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar, and a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar.

- All four PrecisionCut Fairway Mowers feature a rear-controlled hydraulic steering system that provides increased flow to the steering system. The increased hydraulic flow provides more power and excellent traction in either wide or narrow modes.

- The 8500 and 8700 models are equipped with three features which work together to ensure a consistently level cut and help eliminate stringy grass - a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar, and a variable-height rear roller system that rides on the rear roller and prevents the unit from bouncing, and a rear-attaching point that allows you to easily change the height of the cutterbar.

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- The large 18.5-cubic-inch displacement front-wheel motors provide exceptional performance with 2WD machines. The motors of the 7500 and 8500 PrecisionCut Fairway Mowers offer outstanding climbing performance in 2WD as well as 4WD modes.

- The PrecisionCut Fairway Mowers offer enhanced operator comfort features including operator brake, a digital display with additional information, and additional controls for easy access.

- The PrecisionCut Fairway Mowers offer enhanced operator comfort features including operator brake, a digital display with additional information, and additional controls for easy access.

- A standard 50" power-assisted steering lever provides the operator with a comfortable and smooth mowing experience.

- A standard 50" power-assisted steering lever provides the operator with a comfortable and smooth mowing experience.

- A 19-gallon fuel tank provides plenty of fuel for all-day operation.

- Fairway Tender Conditioners and rear roller power brushes are available as an option for the 7500 Series Fairway Mowers. The 7500 Series Fairway Mowers feature a 19-gallon fuel tank and a 18.5-cubic-inch displacement front-wheel motor.
### SPECIFICATIONS

**7500 PrecisionCut™**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine</strong></td>
<td>Direct Injection Diesel</td>
</tr>
<tr>
<td><strong>Height</strong></td>
<td>110 in. (280 cm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>98 in. (249 cm)</td>
</tr>
<tr>
<td><strong>Height and Width</strong></td>
<td>110 in. (280 cm)</td>
</tr>
<tr>
<td><strong>Height of Cut</strong></td>
<td>11 in. (28 cm)</td>
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<tr>
<td><strong>Cutting Length</strong></td>
<td>24 in. (61 cm)</td>
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<tr>
<td><strong>Fuel System</strong></td>
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<tr>
<td><strong>Fuel Tank Capacity</strong></td>
<td>40 gal. (150.6 l)</td>
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<td><strong>Steering</strong></td>
<td>Hydraulic power with double-acting steering cylinder</td>
</tr>
<tr>
<td><strong>Brakes</strong></td>
<td>Disc and float brake combination</td>
</tr>
<tr>
<td><strong>Operating Weight Empty</strong></td>
<td>2,236 lb. (1,014 kg)</td>
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<tr>
<td><strong>Controls</strong></td>
<td>Hand throttle at operator's right</td>
</tr>
<tr>
<td><strong>Mower Lift</strong></td>
<td>Foot pedal lift for front mounted mower</td>
</tr>
<tr>
<td><strong>PTO</strong></td>
<td>Optional 1/2 HP Diesel Drive Traction System</td>
</tr>
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**7700 PrecisionCut™**

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</tbody>
</table>

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**NOTE:** Specifications are subject to change without notice. For the most current information, please refer to the manufacturer's specifications.
COMMERCIAL LANDSCAPING

Turf Equipment

- Groundskeeping
- John Deere Turf
- Turf Equipment
- New & Used

Providing Quality Turf Maintenance Equipment and Service throughout the Northwest

We service and sell all brands
* Parts  * Service
* Sales  * Rentals

Call Steve Lebsack at 509-953-6482
6615 E. Broadway, Spokane, WA 99212
Date: 12 September 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Clean Hydro Campaign.

Last year the City contributed to the first year of the Subject Campaign. The polling results of this campaign have been positive. Attached is some of the polling data and an article from the Spokesman-Review. This memo is to recommend that the City continue to support this Subject Campaign. The requested amount for the next two years is $1,370.

STB
A coalition of utilities, river ports and farm organizations has embarked on a three-year, $3 million effort to improve Northwest residents' perception of dams.

The “Clean Hydro” campaign kicked off this spring with TV spots in Seattle and Portland. The 30-second commercials feature scenic shots of water cascading over dam spillways and smiling kids and families enjoying electricity.

Hydropower has been the backbone of the Northwest power supply since the 1930s. Last year, dams generated nearly half of the electricity consumed in the region, carbon-free and at a wholesale cost of roughly 3 cents per kilowatt – a rate the rest of America envies.

This begs the question: Don't we already love our dams?

Generally speaking, yes, said Terry Flores, executive director of Northwest RiverPartners, which is spearheading the campaign. But in recent surveys, the organization has seen some “slippage” in support for and knowledge of dams, she said.

Northwest RiverPartners formed in 2005 to represent utilities, industry and electric ratepayers’ interests in federal litigation over managing Columbia and Snake river dams to improve conditions for migrating salmon and steelhead. The nonprofit alliance is also a vocal opponent of breaching the four Lower Snake River dams, which has been hotly debated for years.

That debate will reopen this fall, with federal agencies expected to release another plan this month for operation of the Columbia-Snake hydropower system. The plan is likely to...
face new challenges in federal court by groups who say it doesn’t do enough to ensure salmon survival.

While the Snake River dams are part of the discussion, Flores said the Clean Hydro campaign was triggered by broader issues.

For the past eight years, the organization has conducted polls to evaluate public attitudes toward dams. In general, Northwest residents remain highly supportive of hydropower, Flores said – 47 percent named dams as the “most practical” source of electric power for the region, according to a survey of 1,200 Washington, Oregon and Idaho residents. Wind power was second, named by 19 percent of respondents.

**Changing demographics**

In the past few years, though, the results indicated some erosion in public support for dams, said Flore, who declined to give specific numbers. “That captured our attention,” she said.

The polling indicated that residents of metro areas in Western Washington and Oregon were less supportive of dams than their eastside counterparts. Younger residents and people who had recently moved to the Northwest were not as familiar with dams, including their roles beyond power production, such as water storage, flood control and river navigation.

“Our demographics are changing,” Flores said. “That’s why we felt we needed to get out there and do some basic public education.”

Over the past 15 years, much of the public discussion of hydropower has focused on salmon passage over the dams, said Tom Karier, the Eastern Washington representative for the Northwest Power and Conservation Council, which is not a contributor to the Clean Hydro campaign.

“There’s maybe been less focus on the power generation of the system, which still produces a significant amount of the electricity used in the Northwest,” Karier said.

Hydro is a valuable piece of the region's power supply because it can quickly be ramped up and down to accommodate fluctuating demand for electricity, he said.
Diminished support for hydropower may indicate that consumers are more – not less – educated about dams and their impacts, said Sam Mace, Inland Northwest director for Save Our Wild Salmon, which favors breaching the Lower Snake dams.

“It’s not surprising to me that the public is more willing to ask the question of which dams are beneficial to society and which are high-cost for low value,” she said.

**Dams vital to agriculture**

Avista Utilities, Inland Power & Light and the Washington Potato Commission are among contributors to the Clean Hydro campaign.

Inland Power, which serves rural customers outside of Spokane, gets about 87 percent of its electricity from hydropower, “yet, we don’t feel that consumers fully appreciate the multiple benefits … including its low-cost, carbon-free energy,” CEO Chad Jensen said in a statement.

Most people flip on their lights, plug in their cellphones and switch on furnaces without thinking about where their electricity comes from, said Chris Voigt, the potato commission’s executive director.

In addition to powering households, dams play a vital role in Washington agriculture, storing water for irrigation and providing cheap electricity for irrigation pumps and potato-storage warehouses, he said. Dams also allow wind-generation to be incorporated into the region’s power system, providing backup energy when the wind isn’t blowing, Voigt said.

The Clean Hydro campaign is showing results, according to Flores. Since the TV ads wrapped up in June, she said repeat polling has shown an uptick in public support for dams.

The spots were aimed at women ages 25 to 45 – a demographic responsible for many of the financial decisions for their households and who are less likely than men to have definite opinions about hydropower, Flores said.

The goal is to continue the advertising campaign, which costs about $1 million annually, for another two years, dependent on funding, she said.
August 5, 2013

To: CleanHydro Supporters
From: Terry Flores, Executive Director
Re: Post Ad Campaign Poll Results

The results are in and they are good! Public opinion polling conducted in February 2013, just prior to the roll out of the CleanHydro public education TV ad campaign, showed a continued downward dip in support for hydropower in the Northwest. Following the conclusion of the campaign in June, polling showed the downward trend had not only been halted, but support for hydropower demonstrably increased across the board. The ads also worked to reinforce and increase appreciation for our key messages. People take great pride in living in the Northwest and see hydropower as having an important role in providing jobs and a healthy economy and its environmental legacy.

Some of the key findings are enclosed. Bottom line: the campaign worked and was a success!

Our job is not done. For example, while support for hydropower as the Northwest’s most practical electrical resource ticked up 3 percent – to 50 percent – this is still down from just a few years ago when hydropower garnered 58 percent support. We will need a sustained effort of two to three years minimum to re-establish hydro as the region’s foremost clean, renewable energy resource and ensure its proper place in the public discourse on renewable energy choices.

Thanks for all the support that made the 2013 CleanHydro campaign a reality and a success. Please help to make 2014 as successful by sending your pledge or check today!
Polling Shows Education Campaign is a Success

The CleanHydro public education campaign launched last February with two 30-second TV ads running in major media markets in western Washington and Oregon, including the large urban areas of Seattle and Portland. Over 3 million households, 7 million people in total, consistently heard our positive messages about the environmental and economic benefits of the Columbia Basin’s hydro and river system during the six-month campaign. Our media presence also was reinforced by the CleanHydro website and print ads that campaign participants ran in local papers and newsletters.

Our good work is not done, we need your continued leadership and support to keep up the momentum in 2014 and beyond to ensure a fully effective education effort and build on our CleanHydro brand.

The Results Are In: Public Support Grew.

Public opinion polling conducted by DHM Research in February, just prior to the media effort showed a continued downward trend in support for hydropower. That dramatically changed following the ad campaign. Support for hydropower increased on nearly every measure. In testing, the ads also were well-received by the target audiences. Here are some examples of the campaign’s success:

Hydro a Renewable Energy Source

Is electricity generated by hydropower from dams a renewable energy source?

- 77% Yes
- 4% No
- 19% Don’t Know

- June 2013:
  - 72%
  - +5%

Most Practical Source of Energy

As you know, there are many different ways that electrical energy needs can be met. Which one of the following do you think is the most practical source for the Pacific Northwest to rely on for most of its energy needs at this time?

- Hydropower from Dams: 30% +3%
- Wind Power: 18% 8%
- Solar Power: 18% 8%
- Energy Efficiency: 16% 16%
- Nuclear Power Plants: 13% 8%
- Natural Gas Fired Plants: 12% 8%
- Coal Plants: 10% 8%
- None of the above: 7% 8%
- Don’t know: 1% 1%

- June 2013:
  - 22%
  - 19%

- February 2013:
  - 47%
  - 47%

Congress and State Legislatures Include Hydropower as a Renewable Energy Source

The US Congress and some state legislatures have specifically declared that solar and wind generated electric power are renewable energy sources. Would you favor or oppose the US Congress and your state legislature including electricity generated by hydropower from dams as a renewable energy source?

- June: 92% 7%
- February: 98% 2%

Energy: 10-year Target Preferred Allocation

Below is a list of energy sources. In the space below, allocate the percent of each you believe is currently used to meet electricity needs in the Pacific Northwest. You do not need to allocate a percentage to each source. You can allocate any percentage to a single item from 0% to 100%, but the total needs to add to 100%. Make sure you check your addition.

- Hydropower from Dams: 33%
- Natural Gas: 16.8%
- Coal: 12.4%
- Energy Efficiency: 12.4%
- Wind: 15.6%
- Solar: 14.9%
- Nuclear: 11.3%
- Biomass: 4.4%
- Geothermal: 4.4%
- Tidal: 3.3%
- Other: 2.6%

- 2013 Targets (based on June survey):
  - Hydropower from Dams: 33%
  - Natural Gas: 16.8%
  - Coal: 12.4%
  - Energy Efficiency: 12.4%
  - Wind: 15.6%
  - Solar: 14.9%
  - Nuclear: 11.3%
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  - Geothermal: 4.4%
  - Tidal: 3.3%
  - Other: 2.6%

- 2014 Targets (based on February survey):
  - Hydropower from Dams: 33%
  - Natural Gas: 16.8%
  - Coal: 12.4%
  - Energy Efficiency: 12.4%
  - Wind: 15.6%
  - Solar: 14.9%
  - Nuclear: 11.3%
  - Biomass: 4.4%
  - Geothermal: 4.4%
  - Tidal: 3.3%
  - Other: 2.6%
Appreciation for Key Messages Increased.
Polling also showed significant increases in understanding and appreciation for the campaign's key messages.

Hydropower’s Energy Impact
The dams provide over 4,400 megawatts of firm electrical energy, enough to power four cities the size of Seattle.

- June: 57% good, 25% neutral, 11% poor, 7% very poor, 1% DK
- February: 47% good, 33% neutral, 14% poor, 6% very poor, 2% DK

Hydropower Cornerstone of NW Environmentally Responsible Legacy
Hydropower is the cornerstone of the Northwest’s environmentally responsible legacy—providing a renewable, clean, domestic, and affordable source of energy.

- June: 48% good, 28% neutral, 15% poor, 7% very poor, 3% DK
- February: 33% good, 36% neutral, 25% poor, 6% very poor, 6% DK

Hydropower And the Economy
Hydropower is the cornerstone of the Northwest’s economy—providing jobs and commerce that allows families and businesses to thrive and grow.

- June: 34% good, 35% neutral, 21% poor, 6% very poor, 5% DK
- February: 29% good, 37% neutral, 24% poor, 7% very poor, 6% DK

Hydropower And Irrigation
The dams provide vital irrigation for farmers in Idaho and eastern Washington and Oregon to grow crops that feed Pacific Northwest residents and are exported to the world.

- June: 53% good, 27% neutral, 12% poor, 7% very poor, 8% DK
- February: 48% good, 31% neutral, 14% poor, 7% very poor, 8% DK

Please help make the 2014 CleanHydro effort a success by making your contribution today!
June 27, 2013

Stephen Boorman
Bonners Ferry Electric Department
PO Box 149
Bonners Ferry, ID 83805

Dear Stephen:

Because of your leadership and support, over 3 million Northwest households — 7 million people — have seen and heard about the incredible benefits hydropower and the Columbia and Snake River system brings to our environment, economy and way of life. Through CleanHydro, an educational media campaign, our pro-active messages went directly to the masses through television and were reinforced by a website, print ads and other materials.

You saw the data. Northwest RiverPartners’ public opinion research over the past few years shows a troubling and persistent downward trend in support for hydro as the Northwest’s most practical renewable energy resource. Wind and solar are seen as preferred resources to meet future electric energy needs, and the public believes they can replace hydro reliably and affordably. Polling conducted just prior to launching the CleanHydro ads shows continued erosion in these and other areas. For example, public support for keeping the Snake River dams declined 11 percent from 2011 to 2013. It is no coincidence that this slide occurred during heavy media coverage of the removal of the Elwha and Condit dams in Washington State, illustrating the power of the media on public opinion.

You took action. You did not stand idly by as the trend lines continued to slowly but steadily erode. Like the Northwest’s early utility, business and community leaders who envisioned and guided development of the Northwest’s hydro system, you decided to do something about the situation.

You went all in. Ninety “Partners” and several regional and national trade associations all joined together to do something we’ve never done before: raise funds for a media buy to pro-actively put out our messages where our polling shows we are falling behind most in public opinion: on the west side, with younger generations. In February of this year, the CleanHydro campaign launched with our ads running on mainstream news, sports and entertainment programs for a period of six months, every other week, February through mid-June. Members of Congress, community and business leaders, utility leaders, families and friends all applauded the effort. CleanHydro became a rallying point for the industry and provided an ideal backdrop for congressional efforts to reform hydro licensing processes and promote new hydro development.
Our work is not done. To be fully effective, we anticipate the CleanHydro media campaign should run for a minimum of three years. That means we need your leadership and support to keep up the momentum and build on our CleanHydro brand. For the 2014 effort, another TV ad is being developed, similar in tone and nature to our current ad family. We also will explore the use of social media and develop more supporting materials for contributors’ use.

The stakes are critical. We must have an educated and supportive public if we expect to have a rational business, policy and regulatory climate in which to provide clean, affordable and reliable electric energy to customers. For a utility, it is an important step to protect your customers from the threat of rising costs – at a fraction of what they spend annually on their power bill. We are asking for a contribution, as before, equivalent to 85% of your RiverPartners’ dues. This will help ensure an effective effort in 2014 for you and your customers. Early leaders have already pledged $185,000 towards our goal of $1 million so please join in and help us reach our target.

A pledge form for the next two years of the campaign and your 2014 invoice are enclosed for your convenience identifying your recommended contribution to this effort, along with more information. Representatives from RiverPartners can meet or talk with you, your staff, or your governing body to describe the ongoing need for the educational effort and share campaign materials. Please don’t hesitate to call us for more information or to answer any questions.

Let’s make sure that CleanHydro is a central part of our ongoing efforts to protect and promote this clean, renewable energy resource that provides so many benefits to Northwest families and businesses.

On behalf of the Northwest RiverPartners Board:

Jack Speer, Chairman

Terry Flores, Executive Director

[Signatures]
2014 PLEDGE

Stephen Boorman
Bonners Ferry Electric Department
PO Box 149
Bonners Ferry, ID 83805

Bonners Ferry Electric Department pledges to Northwest RiverPartners CleanHydro campaign (please check all that apply):

____ for 2014: $1,370

____ for 2015: $1,370

Thank you.

X ____________________________
Stephen Boorman

Funds contributed to CleanHydro are not tax deductible as a charitable contribution. However, funds paid to CleanHydro may be deductible as trade or business expenses if ordinary and necessary in the conduct of the taxpayer's business.

Substitute W-9: For tax purposes, CleanHydro is EXEMPT from withholding as a not-for-profit 501(c)(6) corporation, federal tax ID # 26-0135372
**Bill To**

Bonners Ferry Electric Department  
att: Stephen Boorman  
7232 Main St.  
PO Box 149  
Bonners Ferry, ID 83805

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<td>Substitute W-9: For tax purposes, CleanHydro is EXEMPT from withholding as a not-for-profit 501(c)(6) corporation, federal tax ID# 26-0133872</td>
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<td>Funds contributed to CleanHydro are not tax deductible as a charitable contribution. However, funds paid to CleanHydro may be deductible as trade or business expenses if ordinary and necessary in the conduct of the taxpayer's business.</td>
<td></td>
</tr>
<tr>
<td>Please make your check out to CleanHydro.</td>
<td></td>
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</tbody>
</table>

**Total** $1,370.00

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Northwest RiverPartners  
For advice, our economy and quality of life  
101 SW Main, Suite 1605 • Portland, Oregon 97204 • Phone: 503-274-7792
Date: 13 September 2013
To: City Council
From: Stephen Boorman, City Administrator
Subject: Mini - Excavator.

This memo is to request authorization to go out for bid for a min-excavator. This would complement our existing back-hoe and 10,000 pound excavator. The desired machine is designed for small jobs in tight spaces.

This would be for the electric department and it is anticipated that the bids will come in at around $25,000. We would propose to bid the Kubota, John Deere, Yanmar, and Bobcat brands.

Attached is the brochure for the Kubota brand.

SJB
KUBOTA COMPACT EXCAVATOR

KX

KX018-4

Enhanced Digging Force

The KX018-4 delivers an impressive bucket digging force. Its powerful and well-balanced arm and bucket allow the operator to dig faster and more efficiently even in the toughest conditions.

Extraordinary Stability and Lifting Capacity

The KX018-4’s superior stability is due to its long tumbler distance and wide variable track width. It enables you to safely perform jobs using a host of Kubota attachments. And Kubota’s unique hydraulic system, together with a powerful boom cylinder, delivers the lifting power you need to broaden your range of lifting jobs. Combined, you get an advanced hydraulic system that automatically regulates and distributes the optimum amount of oil to each cylinder, based on the weight of the load for smooth, responsive and stable lifting capacity and overall operation.

Kubota Original Engine

The KX018-4 is powered by Kubota’s impressive D902 17 HP engine. Engineered with the power to maximize digging and lifting performance. It also delivers minimized noise and vibration, and meets the latest engine emission regulation.

SUPERIOR PERFORMANCE

Kubota’s new KX018-4 mini excavator raises the standard in the 1.5-2.0 ton category with a powerful digging force and a wider working range that rival higher-end excavators. And with enhanced accessibility to sites such as roadsides or residential areas, the KX018-4 gets the jobs done easier from large construction areas to the tightest of places.
"Digging Force
Arm 6% UP
Bucket 2.5% UP"

Short-pitched Rubber Crawler and Double-flanged Track Rollers
The KX018-4 features a short-pitched rubber crawler that minimizes vibration and double-flanged rollers that help improve stability and travel performance.

Wide Working Range
The KX018-4's working range is always hard at work for you. You get powerful and responsive working applications that are ideal for digging, lifting and loading. Plus, you'll get increased efficiency of our bucket capacity, digging depth and load over height, meeting or exceeding the latest requirements of today's construction sites.

ROPS and FOPS Certified Cabin/Canopy
Lightweight for improved stability and certified for safety, the KX018-4's ROPS & FOPS safety systems provide protection from falling debris or accidental rollovers.

Straight Travel
For added safety, Kubota's hydraulic system makes sure that you travel in a straight line even during simultaneous operation of the front boom, arm and bucket.

Variable track gauge
To optimize stability when using heavy attachments, the KX018-4 tracks can be expanded to a maximum of 4' 3.2" and retracted to 3' 3.0" to make passing through narrow doorways and tight work possible. Either adjustment can be made in just seconds by operating the independent track gauge lever.

Auto-shift
The auto-shift system enables automatic travel shift from high to low depending on traction effort and terrain. This gives smoother operations when dozing and turning.
DELUXE INTERIOR

Offering one of the largest cabs in its class with ample legroom, adjustable seating and a wide door, the KX018-4 cab model brings more comfort to tough work. Combined with the handy new multifunctional digital panel, operations are now easier than ever.

New Spacious Cab
Designed for greater comfort, the new large cab with a fully-flat floor provides more legroom to minimize fatigue.

New Digital Panel
Following the excellence of Kubota’s Intelligent Control System, the new digital panel puts convenience at the operator’s fingertips. The user-friendly digital panel is positioned to the front right corner of the operator for better visibility, and features one-touch button operation to view the time, hour meter and tachometer. Warning lamps with code numbers on the display will alert you in case of emergencies such as overheating, hydraulic problems or low battery. With easier access, simpler settings, easy-to-read indicators and alerts, you’ll always be aware of the excavator’s functioning status.

1. Fuel Level Gauge
2. Water Temperature Gauge
3. Warning Lamps
   (Overheating, Hydraulic, Battery)
4. LCD Display (Time, Hour, rpm)

Time

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\begin{array}{c|c|c}
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12:00 & \\
\end{array}
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Hour Meter

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\text{Hour Meter} & \text{n/min} & \text{h} \\
\hline
15.8 & \\
\end{array}
\]

Tachometer

\[
\begin{array}{c|c|c}
\text{Tachometer} & \text{n/min} & \text{h} \\
\hline
2243 & \\
\end{array}
\]

Easy-open Front Slide Window
Unlike many excavator windows, the front glass window of the KX018-4 opens with ease. Just flip the latches on the window sides and slide it up. A gas-assist mechanism makes this action almost effortless.
A. Fully Flat Floor
For added comfort, the cab floor is completely flat for greater legroom and a more spacious feel.

B. 2-speed Travel Switch
By placing the 2-speed travel switch on the dozer lever, dozing operations can be done faster and easier.

C. Cup Holder
With the convenience of a bigger cup holder, you can quench your thirst and work longer without leaving the cab.

D. Wrist Rest
A thoughtfully designed wrist rest enhances operation and reduces operator fatigue.

Easy Cab Entry and Exit
The wide cab entrance allows quick access to and from the cab making operations that require frequent exiting, such as trenching and piping, much easier.

TPSS
The Two-Pattern Selection System positioned under the seat allows the operator to shift control styles conveniently while seated. A simple turn of a switch is all it takes to select between the ISO pattern and the SAE backhoe pattern.
Engine Maintenance

Kubota has made routine maintenance extremely simple by consolidating primary engine components onto one side for easier access. Engine and other vital components can be inspected quickly and easily.

A. Dual Element Air Cleaner
B. Water Separator
C. Fuel Filter
D. Alternator
E. Starter Motor

MAINTENANCE & SAFETY

The KX018-4 offers added peace-of-mind with extremely high levels of safety and durability. Furthermore, Kubota simplifies inspections and repairs with easier accessibility to the major components.
Topside Boom Cylinder
For increased reliability when performing in hazardous conditions, including demolition jobs when a breaker is fitted, the boom cylinder has been positioned on the topside of the boom to prevent cylinder damage.

Integrated Travel Motor Hoses
Kubota has enclosed the travel motor hoses within the track frame for added protection.

KX018-4 OPTIONS
• Buckets  • Spark arrest muffler  • Travel alarm
• Hydraulic auger  • Canopy lights  • Quick coupler  • Hydraulic hammer

WORKING RANGE

<table>
<thead>
<tr>
<th>Model</th>
<th>KX018-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging height ft. in. (mm)</td>
</tr>
<tr>
<td>B</td>
<td>Max. dumping height ft. in. (mm)</td>
</tr>
<tr>
<td>C</td>
<td>Max. digging depth ft. in. (mm)</td>
</tr>
<tr>
<td>D</td>
<td>Max. vertical digging depth ft. in. (mm)</td>
</tr>
<tr>
<td>E</td>
<td>Max. digging radius, at ground level ft. in. (mm)</td>
</tr>
<tr>
<td>F</td>
<td>Max. digging radius ft. in. (mm)</td>
</tr>
<tr>
<td>G</td>
<td>Min. turning radius W/o swing ft. in. (mm)</td>
</tr>
<tr>
<td>H</td>
<td>Min. tail turning radius ft. in. (mm)</td>
</tr>
</tbody>
</table>

LIFTING CAPACITY

<table>
<thead>
<tr>
<th>LIFT POINT HEIGHT (ft)</th>
<th>LIFTING CAPACITY OVER THE FRONT, BLADE DOWN unit=1000lbs</th>
<th>LIFTING CAPACITY OVER THE SIDE unit=1000lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIFT POINT RADIUS (ft)</td>
<td>LIFT POINT RADIUS (ft)</td>
</tr>
<tr>
<td>6</td>
<td>0.56 0.64</td>
<td>0.56 0.53</td>
</tr>
<tr>
<td>4</td>
<td>0.61 0.66</td>
<td>0.61 0.52</td>
</tr>
<tr>
<td>2</td>
<td>1.41 0.91 0.69</td>
<td>1.08 0.71 0.51</td>
</tr>
<tr>
<td>GL</td>
<td>1.49 0.90 0.68</td>
<td>1.03 0.65 0.49</td>
</tr>
</tbody>
</table>

Machine with ROPS canopy and rubber crawler, without bucket.
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>KX018-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of ROPS / FOPS</td>
<td>Canopy / Cab</td>
</tr>
<tr>
<td>Type of tracks</td>
<td>Rubber</td>
</tr>
<tr>
<td>Engine</td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td>Kubota D902-BH-E4</td>
</tr>
<tr>
<td>Output (SAE J1995 gross)</td>
<td>HP (kW)/rpm</td>
</tr>
<tr>
<td>Output (SAE J1349 net)</td>
<td>HP (kW)/rpm</td>
</tr>
<tr>
<td>Displacement</td>
<td>cu. in. (cc)</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Overall length</td>
<td>ft. in. (mm)</td>
</tr>
<tr>
<td>Overall height</td>
<td>ft. in. (mm)</td>
</tr>
<tr>
<td>Overall width</td>
<td>ft. in. (mm)</td>
</tr>
<tr>
<td>Min. ground clearance</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td></td>
</tr>
<tr>
<td>Pump capacity</td>
<td>GPM (/min)</td>
</tr>
<tr>
<td>Auxiliary hydraulic flow</td>
<td>GPM (/min)</td>
</tr>
<tr>
<td>Max. breakout force</td>
<td>Bucket / Arm lbs. (kgf)</td>
</tr>
<tr>
<td>Boom swing angle</td>
<td>Left / Right degree</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Travel speed</td>
<td>mph (km/h)</td>
</tr>
<tr>
<td>Max. traction force</td>
<td>lbs. (kgf)</td>
</tr>
<tr>
<td>Tumbler distance</td>
<td>ft. in. (mm)</td>
</tr>
<tr>
<td>Crawler length</td>
<td>ft. in. (mm)</td>
</tr>
<tr>
<td>Shoe width</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>Ground contact pressure</td>
<td>psi (kgf/cm²)</td>
</tr>
<tr>
<td>Swing system</td>
<td></td>
</tr>
<tr>
<td>Unit swing speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Blade</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>Width ft. in. (mm)</td>
</tr>
<tr>
<td>Height in. (mm)</td>
<td>9.1&quot; (230)</td>
</tr>
<tr>
<td>Max. lift above ground in. (mm)</td>
<td>9.1&quot; (230)</td>
</tr>
<tr>
<td>Max. drop below ground in. (mm)</td>
<td>9.1&quot; (230)</td>
</tr>
<tr>
<td>Hydraulic oil (reservoir / system)</td>
<td>gal (l)</td>
</tr>
<tr>
<td>Fuel reservoir</td>
<td>gal (l)</td>
</tr>
<tr>
<td>Operating weight (including operator's weight 175 lbs.) lbs. (kgf)</td>
<td>3747 (1696) / 3667 (1799)</td>
</tr>
</tbody>
</table>

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Fall Over Protective Structure (ROPS) and seat belt for almost all applications.

### DIMENSIONS

![Diagram]

Unit: ft. in. (mm)

KUBOTA TRACTOR CORPORATION
Kubota Tractor Corporation, 3401 Del Amo Boulevard, Torrance CA 90603
Western Division: 1175 S. Guild Ave., Lodi, CA 95240 Tel (209) 384-9910
Central Division: 14635 FAA Boulevard, Fort Worth, TX 76108 Tel (817) 371-5600
Northern Division: 8320 at One Kubota Way, Groveport, OH 43125 Tel (614) 856-1100
Southeast Division: 1025 Northbrook Parkway, Suwanee, GA 30024 Tel (770) 395-8655
Visit our web site at: www.kubota.com

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[ROPS SEATBELT]

IT'S THE WAY TO LIVE!

Cal. No.8311-01-US Printed in Japan '12-066. ©. 26
Geotechnical and Environmental Restoration Branch

Mr. Stephen Boorman
PO Box 149
Bonners Ferry, ID 83805

Dear Mr. Boorman:

This letter transmits the 2013 continuing eligibility inspection report for the Bonners Ferry Left Bank and Right Bank Levees that have been reviewed for inclusion in the Corps of Engineers PL 84-99 program. The inspection was conducted by Seattle District personnel on the levee for which the City of Bonners Ferry is the local sponsor of record.

<table>
<thead>
<tr>
<th>Levee Segment Name</th>
<th>River</th>
<th>Rating</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonners Ferry LB</td>
<td>Kootenai River</td>
<td>M</td>
<td>Eligible</td>
</tr>
<tr>
<td>Bonners Ferry RB</td>
<td>Kootenai River</td>
<td>M</td>
<td>Eligible</td>
</tr>
</tbody>
</table>

Your levees were given a rating of Minimally Acceptable and are currently considered eligible for Federal rehabilitation assistance if it is damaged in a flood event. Please find attached detailed inspection report for your records.

To maintain eligibility in the PL 84-99 Rehabilitation Program all items rated as Minimally Acceptable and Unacceptable shall be corrected within two years from the date of this letter. Items that were rated Unacceptable were identified as deficiencies that threaten the integrity of the levee and could prevent it from functioning as intended. These items require an elevated priority in your maintenance schedule. Refer to the detailed report for specifics on deficiencies.

If additional information is needed, please do not hesitate to contact me at (206) 764-6938 or email at charles.h.iff@usace.army.mil.

Sincerely,

Charles Ifft, P.E.
Levee Safety Program Manager

Enclosure
Flood Damage Reduction System
Inspection Report

Name of System: BONNERS FERRY RB
Public Sponsor(s): City of Bonners Ferry
Public Sponsor Representative: Stephen Boorman
Sponsor Phone: (208) 267-0357
Sponsor Email: sboorman@bonnersferry.id.gov

Corps of Engineers Inspectors: Brian Stenchjem, Jason Villarreal, Seth Klein
Date of Inspection: 19 June 2013
Inspection Report Prepared By: Brian Stenchjem, E.I.T.
Date Report Prepared: 8 July 2013
Internal Technical Review (for Periodic Inspections) By: Jason Villarreal, E.I.T.
Date of ITR: 5 August 2013
Final Approval By: Charles Iff, P.E.
Date Approved: 26 AUG 13

Type of Inspection:
- Initial Eligibility Inspection
- Continuing Eligibility Inspection (Routine) ☑
- Continuing Eligibility Inspection (Periodic)

Overall System Rating:
- Acceptable
- Minimally Acceptable ☑
- Unacceptable

Contents of this Report:
- Instructions
- Initial Eligibility Inspection
- General Items for All Flood Control Works ☑
- Levee Embankments
- Concrete Floodwalls
- Sheet Pile and Concrete I-walls
- Interior Drainage System
- Pump Stations
- FDR system Channels

Note: This inspection rating represents the Corps evaluation of operations and maintenance of the flood damage reduction system and may be used in conjunction with other information for a levee certification determination for National Flood Insurance Program (NFIP) purposes if applicable. An Acceptable Corps inspection rating, alone, does not equate to a certifiable levee for the NFIP. It is recommended for levee systems currently accredited by the Federal Emergency Management Agency (FEMA) for NFIP purposes receiving a Corps Minimally Acceptable or Unacceptable rating be evaluated by the levee owner to determine the potential impacts to the certification for FEMA.

FOR OFFICIAL USE ONLY
LEVEE INSPECTION REPORT
Continuing Eligibility Inspection

BONNERS FERRY RIGHT BANK

20 June 2013

KOOTENAI RIVER BASIN
Kootenai River, Right Bank, River Mile 151.8 to 152.9
Bonners Ferry, Boundary County, Idaho

NLD SEGMENT ID: 5504000047
NLD SYSTEM ID: 5505000045

CURRENT RATING: MINIMALLY ACCEPTABLE
PREVIOUS RATING: MINIMALLY ACCEPTABLE – 25 APRIL 2011

INSPECTION PERSONNEL:
• Klein, Seth – USACE, Seattle District, Geotechnical Branch
• Stenchjem, Brian – USACE, Seattle District, Geotechnical Branch
• Villarreal, Jason – USACE, Seattle District, Geotechnical Branch
• Boonman, Stephen – City of Bonners Ferry, Sponsor Representative

BACKGROUND:
The Bonners Ferry Right Bank (RB) Levee was inspected on 20 June 2013 with the local sponsor, City of Bonners Ferry.

The Bonners Ferry RB levee is located across the Kootenai River from downtown Bonners Ferry. To reach the levee from downtown, take the Highway 2 Bridge over the Kootenai and take the first left on Chinook Street, then take a left on Camas Street. The upstream end of the levee will be at the intersection of Camas Street and North River Drive.

The levee is approximately 5,860 feet long and protects the City of Bonners Ferry wastewater treatment lagoons and residential property. The following report describes the current conditions as seen on the inspection.
CONCLUSIONS:

At this time, the Bonners Ferry RB levee is given a MINIALLY ACCEPTABLE rating and is considered ELIGIBLE in the PL 84-99 Levee Rehabilitation Program.

RECOMMENDATIONS:

In order to improve the effectiveness of this levee system and to ensure that it remains eligible in the PL 84-99 program, the inspection team recommends the following:

A. Brush landward slope and cut trees identified during the inspection. In order to receive an Acceptable vegetation rating and remain eligible, the trees and brush should be maintained according to the Seattle District Vegetation Variance from 1995. All slopes should be easily visible, and no trees should be within the levee prism in excess of 4 inches diameter breast-height (DBH). A Corps representative can assist in marking trees for removal if requested. In order to provide the best flood protection and the most reliable flood control facility, it is suggested that all trees and brush be removed from the crest, side slopes and 15 feet from the landward toe with grass planted on all surfaces. Levee vegetation maintenance is exempt from COE 404 permitting; other permits may still be required.

B. As part of the sponsor’s routine maintenance the erosion damage to bench near station 29+00 should be repair prior to reaching the levee prism.
INSPECTION PHOTOGRAPHS:

Figure 2: Typical section facing upstream.

Figure 3: Typical section facing downstream.
### General Items for All Flood Damage Reduction Systems

For use during all inspections of all Flood Damage Reduction Systems

<table>
<thead>
<tr>
<th>Item</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>Sponsor manuals are lost or missing or out of date; however, sponsor will obtain manuals prior to next scheduled inspection.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Sponsor has not obtained lost or missing manuals identified during previous inspection.</td>
</tr>
<tr>
<td>2. Emergency Supplies and Equipment (A or M only)</td>
<td>A</td>
<td>The sponsor maintains a stockpile of sandbags, shovels, and other flood fight supplies which will adequately supply all needs for the initial days of a flood fight. Sponsor determines required quantity of supplies after consulting with Intake.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>The sponsor does not maintain an adequate supply of flood fighting materials as part of their emergency activities.</td>
</tr>
<tr>
<td>3. Flood Preparedness and Training (A or M only)</td>
<td>A</td>
<td>Sponsor has a written system-specific flood response plan and a solid understanding of how to operate, maintain, and staff the FDR system during a flood. Sponsor maintains a list of emergency contact information for appropriate personnel and other emergency response agencies.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>The sponsor maintains a good working knowledge of flood response activities, but documentation of system-specific emergency procedures and emergency contact personnel is insufficient or out of date.</td>
</tr>
</tbody>
</table>

Key: A = Acceptable, M = Minimally Acceptable; Maintenance is required. U = Unacceptable. N/A = Not Applicable. FDR = Flood Damage Reduction. NR = Not Rated.
Levee Embankments
For use during Initial and Continuing Eligibility Inspections of levee systems

<table>
<thead>
<tr>
<th>Item</th>
<th>Rating</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Slope Stability</td>
<td>A</td>
<td>No slides, sloughs, tension cracking, slope depressions, or bulges are present.</td>
<td>All though vegetation was rated &quot;U&quot; the riverward slope was visible and did not interfere with the rating of this item.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Minor slope stability problems do not pose an immediate threat to the levee embankment.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Major slope stability problems (e.g. deep seated sliding) identified that must be repaired to reestablish the integrity of the levee embankment.</td>
<td></td>
</tr>
<tr>
<td>6. Erosion/Bank Caving</td>
<td>A</td>
<td>No erosion or bank caving is observed on the landward or riverward sides of the levee that might endanger its stability.</td>
<td>Erosion along the toe of a bench was observed, from the left bank, near station 29+00. The erosion is occurring near the levee embankment, however it does not threaten the integrity of the levee at this time.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Erosion or caving is occurring or has occurred on or near the levee embankment, but levee integrity is not threatened.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Erosion or caving is occurring or has occurred that threatens the stability and integrity of the levee. The erosion or caving has progressed into the levee section or into the extended footprint of the levee foundation and has compromised the levee foundation stability.</td>
<td></td>
</tr>
<tr>
<td>7. Settlement</td>
<td>A</td>
<td>No observed depressions in crowns. Records exist and indicate no unexplained historical changes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Minor irregularities that do not threaten integrity of levee. Records are incomplete or inclusive.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Obvious variations in elevation over significant reaches. No records exist or records indicate that design elevation is compromised.</td>
<td></td>
</tr>
<tr>
<td>8. Depressions/ Rutting</td>
<td>A</td>
<td>There are scattered, shallow ruts, pot holes, or other depressions on the levee that are unrelated to levee settlement. The levee crown, embankments, and access road crowns are well established and drain properly without any ponded water.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>There are some infrequent minor depressions less than 6 inches deep in the levee crown, embankment, or access roads that will pond water.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>There are depressions greater than 6 inches deep that will pond water.</td>
<td></td>
</tr>
<tr>
<td>9. Cracking</td>
<td>A</td>
<td>Minor longitudinal, transverse, or destination cracks with no vertical movement along the crack. No cracks extend continuously through the levee crest.</td>
<td>All though vegetation was rated &quot;U&quot; the riverward slope was visible and did not interfere with the rating of this item.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Longitudinal and/or transverse cracks up to 6 inches in depth with no vertical movement along the crack. No cracks extend continuously through the levee crest. Longitudinal cracks are no longer than the height of the levee.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Cracks exceed 6 inches in depth. Longitudinal cracks are longer than the height of the levee and/or exhibit vertical movement along the crack. Transverse cracks extend through the entire levee width.</td>
<td></td>
</tr>
<tr>
<td>10. Animal Control</td>
<td>A</td>
<td>Continuous animal burrow control program in place that includes the elimination of active burrowing and the filling in of existing burrows.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>The existing animal burrow control program needs to be improved. Several burrows are present which may lead to seepage or slope stability problems, and they require immediate attention.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Animal burrow control program is not effective or is nonexistent. Significant maintenance is required to fill existing burrows, and the levee will not provide reliable flood protection until this maintenance is complete.</td>
<td></td>
</tr>
</tbody>
</table>

Key: A = Acceptable, M = Minimally Acceptable, Maintenance is required, U = Unacceptable, N/A = Not Applicable, FDR = Flood Damage Reduction, NR = Not Rated

1 Detailed survey elevations are normally required during Periodic Inspections, and whenever there are obvious visual settlements.
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Rating</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Riprap Revetments &amp; Bank Protection</td>
<td>A</td>
<td>No riprap displacement or stone degradation that could pose an immediate threat to the integrity of channel bank. Riprap intact with no woody vegetation present. Where riprap is present it is in good condition with no displaced riprap observed.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Minor riprap displacement or stone degradation that could pose an immediate threat to the integrity of the channel bank. Unwanted vegetation must be cleared or sprayed with an appropriate herbicide.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Significant riprap displacement, exposure of bedding, or stone degradation observed. Scour activity is undercutting banks, eroding embankments, or impinging channel flows by causing turbulence or erosion. Rock protection is hidden by dense brush, trees, or grasses.</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>There is no riprap protecting this feature of the system, or riprap is discussed in another section.</td>
</tr>
<tr>
<td>13. Revetments other than Riprap</td>
<td>A</td>
<td>Existing revetment protection is properly maintained, undamaged, and clearly visible.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Minor revetment displacement or deterioration that does not pose an immediate threat to the integrity of the levee. Unwanted vegetation must be cleared or sprayed with an appropriate herbicide.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Significant revetment displacement, deterioration, or exposure of bedding observed. Scour activity is undercutting banks, eroding embankments, or impinging channel flows by causing turbulence or erosion. Revetment protection is hidden by dense brush and trees.</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>There are no such revetments protecting this feature of the system.</td>
</tr>
<tr>
<td>14. Underslope Relief Wells/ Toe Drainage Systems</td>
<td>A</td>
<td>Toe drainage systems and pressure relief wells necessary for maintaining FDR system stability during high water functioned properly during the last flood event and no sediment is observed in horizontal system (if applicable). Nothing is observed which would indicate that the drainage systems won't function properly during the next flood, and maintenance records indicate regular cleaning. Wells have been pumped tested within the past 5 years and documentation is provided.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Toe drainage systems or pressure relief wells are damaged and may become clogged if they are not repaired. Maintenance records are incomplete or indicate irregular cleaning and pump testing.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Toe drainage systems or pressure relief wells necessary for maintaining FDR system stability during flood events have fallen into disrepair or have become clogged. No maintenance records. No documentation of the required pump testing.</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>There are no relief wells/ toe drainage systems along this component of the FDR system.</td>
</tr>
<tr>
<td>15. Seepage</td>
<td>A</td>
<td>No evidence or history of unrepaird seepage, saturated areas, or boils.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Evidence or history of minor unrepaird seepage or small saturated areas at or beyond the landside toe but not on the landward slope of levee. No evidence of soil transport.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Evidence or history of native seepage, extensive saturated areas, or boils.</td>
</tr>
</tbody>
</table>

Key: A = Acceptable. M = Minimally Acceptable; Maintenance is required. U = Unacceptable. N/A = Not Applicable. FDR = Flood Damage Reduction. NR = Not Rated.
**District:** CENWS  **Project:** Bonners Ferry RB  **Year:** 2013  **Cycle:** a  **Inspection Type:** Routine

<table>
<thead>
<tr>
<th>Inspect ID:</th>
<th>USACE_CENWS_BFRB_2013_a_0003</th>
<th>Item:</th>
<th>Unwanted Levee Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Monitor</td>
<td>Remarks:</td>
<td>Tree on landward slope.</td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope Only (L/S)</td>
<td>Photo:</td>
<td>USACE_CENWS_BFRB_2013_a_0003_1.jpg</td>
</tr>
<tr>
<td>Action:</td>
<td>Remove tree</td>
<td>Category:</td>
<td>Levee Embankments</td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Unwanted Vegetation Growth</td>
<td>Station 1:</td>
<td>27+00</td>
</tr>
<tr>
<td>Station 2:</td>
<td>NA</td>
<td>Station 2:</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Inspect ID:** USACE_CENWS_BFRB_2013_a_0004

| Status:             | Unresolved                   |
| Feature:            | Levee Slope Only (L/S)       |
| Action:             | Brush slope                  |
| Rating:             | Unresolved                   |
| Rated Item:         | Unwanted Vegetation Growth   |
| Station 1:          | 30+00                        |

**Remarks:** Couple hundred feet of overgrown brush makes it difficult to see slope.

**Photo:** USACE_CENWS_BFRB_2013_a_0004_1.jpg

**Category:** Levee Embankments

**Evaluation:** Significant vegetation.
## Inspection of Unwanted Vegetation Growth

**Inspect ID:** USACE_CENWS_BFRB_2013_a_0008

<table>
<thead>
<tr>
<th>Status</th>
<th>Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feature</td>
<td>Other (Specify in Remarks)</td>
</tr>
<tr>
<td>Action</td>
<td>Remove.</td>
</tr>
</tbody>
</table>
| Rating       | F:
| Station 1   | 41+00   |
| Station 2   | 55+00   |
| Photo        | USACE_CENWS_BFRB_2013_a_0008_1.jpg |
| Remarks      | Brush and small trees on landward slope with a few on the riverward slope. |
| Category     | Levee Embankments |
| Evaluation   | Significant vegetation. |

## Inspection of Erosion

**Inspect ID:** USACE_CENWS_BFRB_2013_a_0009

<table>
<thead>
<tr>
<th>Status</th>
<th>Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feature</td>
<td>Levee Slope Only (R/S)</td>
</tr>
<tr>
<td>Action</td>
<td>Monitor/Repair</td>
</tr>
<tr>
<td>Rating</td>
<td>Minimally Acceptable</td>
</tr>
<tr>
<td>Rated Item</td>
<td>Erosion/ Bank Caving</td>
</tr>
<tr>
<td>Station 1</td>
<td>29+00</td>
</tr>
<tr>
<td>Station 2</td>
<td>NA</td>
</tr>
<tr>
<td>Photo</td>
<td>USACE_CENWS_BFRB_2013_a_0009_1.jpg</td>
</tr>
<tr>
<td>Remarks</td>
<td>Erosion at toe of bench was observed from the left bank. Two exposed slopes approx 30ft wide were observed.</td>
</tr>
<tr>
<td>Category</td>
<td>Levee Embankments</td>
</tr>
<tr>
<td>Evaluation</td>
<td>Minor erosion is occurring or has occurred.</td>
</tr>
</tbody>
</table>
# Flood Damage Reduction System
## Inspection Report

**Name of System:** BONNERS FERRY LB

**Public Sponsor(s):** City of Bonners Ferry

**Public Sponsor Representative:** Stephen Boorman

**Sponsor Phone:** (208) 267-0357

**Sponsor Email:** sboorman@bonnersferry.id.gov

**Corps of Engineers Inspectors:** Brian Stenichem, Jason Villarreal, Seth Klein

**Date of Inspection:** 19 June 2013

**Inspection Report Prepared By:** Brian Stenichem, E.I.T.

**Date Report Prepared:** 8 July 2013

**Internal Technical Review (for Periodic Inspections) By:** Seth Klein, E.I.T.

**Date of ITR:** 5 August 2013

**Final Approval By:** Charles HI, P.E.

**Date Approved:** 26 Aug 13

<table>
<thead>
<tr>
<th>Type of Inspection</th>
<th>Overall System Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔ Initial Eligibility Inspection</td>
<td>✔ Acceptable</td>
</tr>
<tr>
<td>✔ Continuing Eligibility Inspection (Routine)</td>
<td>✔ Minimally Acceptable</td>
</tr>
<tr>
<td>✖ Continuing Eligibility Inspection (Periodic)</td>
<td>✖ Unacceptable</td>
</tr>
</tbody>
</table>

**Contents of this Report:**
- [ ] Instructions
- [ ] Initial Eligibility Inspection
- [x] General Items for All Flood Control Works
- [x] Levee Embankments
- [ ] Concrete Floodwalls
- [x] Sheet Pile and Concrete I-walls
- [x] Interior Drainage System
- [ ] Pump Stations
- [ ] FDR system Channels

**Note:** This inspection rating represents the Corps evaluation of operations and maintenance of the flood damage reduction system and may be used in conjunction with other information for a levee certification determination for National Flood Insurance Program (NFIP) purposes if applicable. An Acceptable Corps inspection rating, alone, does not equate to a certifiable levee for the NFIP. It is recommended for levee systems currently accredited by the Federal Emergency Management Agency (FEMA) for NFIP purposes receiving a Corps Minimally Acceptable or Unacceptable rating be evaluated by the levee owner to determine the potential impacts to the certification for FEMA.

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LEVEE INSPECTION REPORT
Continuing Eligibility Inspection

BONNERS FERRY LEFT BANK
20 June 2013

KOOTENAI RIVER BASIN
Kootenai River, Left Bank, River Mile 152 to 153.3
Bonners Ferry, Boundary County, Idaho

NLD SEGMENT ID: 5504000046
NLD SYSTEM ID: 5505000044
CURRENT RATING: MINIMALLY ACCEPTABLE
PREVIOUS RATING: MINIMALLY ACCEPTABLE – 25 APRIL 2011

INPECTION PERSONNEL:
+ Klein, Seth – USACE, Seattle District, Geotechnical Branch
+ Stenahjem, Brian – USACE, Seattle District, Geotechnical Branch
+ Villarreal, Jason – USACE, Seattle District, Geotechnical Branch
+ Boorman, Stephen – City of Bonners Ferry, Sponsor Representative

BACKGROUND:
The Bonners Ferry Right Bank (LB) Levee was inspected on 20 June 2013 with the local
sponsor, City of Bonners Ferry.

The Bonners Ferry LB levee is located in downtown Bonners Ferry. The upstream portion is
accessed by the Kootenai River Casino on Arizona Street and the downstream portion is
accessed adjacent to downtown on Riverside Street.

The levee is approximately 8,170 feet long and protects the City of Bonners Ferry. The following
report describes the current conditions as seen on the inspection.
Upstream of Highway 2:

The inspection continued upstream of Highway 2 and the Kootenai River Inn Casino. In the location of the Casino the levee elevation is substantially lower than the remainder of the levee and does not include a typical levee prism. Upstream of the Casino and around Arizona Street the levee prism is reestablished.

The levee geometry from Arizona Street to the upstream end is consistent with a crown width averaging 12 feet. The crown is grass and is approximately 8 feet above the landward toe. The landward and riverward slopes are 2H:1V.

The sponsor has been performing maintenance on the portion of levee upstream of the Casino. Several trees have been removed since the previous inspection including the tree with tree house (Point 17). Unwanted vegetation growth including a few trees and brush still exists and needs to be cleared (Points 16 & 18). The sponsor's maintenance activities from last season ended at station 77+00 (Point 19).

The upstream end of the levee ties into high ground along Florida Street.

See point summary, photos, and inspection report attached at the end for additional details on specific items inspected.
AERIAL MAP:

Figure 1: Aerial map of levee system including inspection points. (Note: There may be additional deficiencies besides those digitally recorded by the inspection system.)
<table>
<thead>
<tr>
<th>Levee Segment Name</th>
<th>Bonners Ferry Left Bank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Kootenai River, Bonners Ferry, Boundary County, Idaho</td>
</tr>
<tr>
<td>Sponsor</td>
<td>City of Bonners Ferry</td>
</tr>
<tr>
<td>Contact Information</td>
<td>Stephen Boorman, (208) 267-0357</td>
</tr>
<tr>
<td>Level of Protection</td>
<td>At least 0.01 percent exceedance</td>
</tr>
<tr>
<td>Approximate Length</td>
<td>8,170 feet</td>
</tr>
<tr>
<td>Top Width</td>
<td>34 feet west of Hwy 2 and 12 feet east of Hwy 2</td>
</tr>
<tr>
<td>Crown Surface</td>
<td>Asphalt west of Hwy 2 and Grass east of Hwy 2</td>
</tr>
<tr>
<td>Riverward Slope</td>
<td>2H:1V</td>
</tr>
<tr>
<td>Landward Slope</td>
<td>2H:1V</td>
</tr>
<tr>
<td>Vegetation</td>
<td>Grass/Brush/Trees</td>
</tr>
<tr>
<td>Armored</td>
<td>Yes, riprap in repair locations</td>
</tr>
<tr>
<td>Benefits</td>
<td>Protects City of Bonners Ferry</td>
</tr>
<tr>
<td>Current Rating</td>
<td>Minimally Acceptable</td>
</tr>
<tr>
<td>Current Status</td>
<td>Eligible</td>
</tr>
<tr>
<td>NLD Segment ID</td>
<td>5504000046</td>
</tr>
<tr>
<td>NLD System ID</td>
<td>5505000044</td>
</tr>
</tbody>
</table>
### Levee Embankments

For use during Initial and Continuing Eligibility Inspections of levee systems

<table>
<thead>
<tr>
<th>Item</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Unwanted Vegetation Growth</td>
<td>U</td>
<td>The levee has little or no unwanted vegetation (trees, brush, or undesirable weeds), except for vegetation that is properly contained and/or situated on overbuilt sections, such that the mandatory 3-foot root-free zone is preserved around the levee profile. The levee has been recently mowed. The vegetation-free zone extends 15 feet from both the landside and riverside toes of the levee to the centerline of the tree. If the levee access easement doesn't extend to the described limits, then the vegetation-free zone must be maintained to the easement limits. Reference EM 1110-2-301 or Corps policy for regional vegetation variance.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Minimal vegetation growths (brush, weeds, or trees 2 inches in diameter or smaller) is present within the zones described above. This vegetation must be removed but does not currently threaten the operation or integrity of the levee.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Significant vegetation growth (brush, weeds, or any trees greater than 2 inches in diameter) is present within the zones described above and must be removed to reestablish or ascertain levee integrity.</td>
</tr>
<tr>
<td>2. Sod Cover</td>
<td>N/A</td>
<td>There is good coverage of sod over the levee.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Approximately 25% of the sod cover is missing or damaged over a significant portion or over significant portions of the levee embankment. This may be the result of over-grazing or feeding on the levee, unauthorized vehicular traffic, chemical or insect problems, or burning during inappropriate seasons.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Over 50% of the sod cover is missing or damaged over a significant portion or portions of the levee embankment.</td>
</tr>
<tr>
<td>N/A</td>
<td>Surface protection is provided by other means.</td>
<td></td>
</tr>
<tr>
<td>3. Encroachments</td>
<td>A</td>
<td>No trash, debris, unauthorized farming activity, structures, excavations, or other obstructions present within the easement area. Encroachments have been previously reviewed by the Corps, and it was determined that they do not diminish proper functioning of the levee.</td>
</tr>
<tr>
<td></td>
<td>M</td>
<td>Trash, debris, unauthorized farming activity, structures, excavations, or other obstructions present, or inappropriate activities noted that should be corrected but will not inhibit operations and maintenance or emergency operations. Encroachments have not been reviewed by the Corps.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>Unauthorized encroachments or inappropriate activities noted are likely to inhibit operations and maintenance, emergency operations, or negatively impact the integrity of the levee.</td>
</tr>
<tr>
<td>4. Closure Structures</td>
<td>A</td>
<td>Closure structure in good repair. Placement equipment, stoplogs, and other materials are readily available at all times. Components are clearly marked and installation instructions/procedures readily available. Trial creations have been accomplished in accordance with the O&amp;I Manual.</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>Any of the following issues is cause for this rating: Closure structure in poor condition. Parts missing or corroded. Placement equipment may not be available within the anticipated warning time. The storage vaults cannot be opened during the time of inspection. Components of closure are not clearly marked and installation instructions/procedures are not readily available. Trial creations have not been accomplished in accordance with the O&amp;I Manual.</td>
</tr>
<tr>
<td></td>
<td>U</td>
<td>There are no closure structures along this component of the FDR system.</td>
</tr>
</tbody>
</table>

Key: A = Acceptable. M = Minimally Acceptable; Maintenance is required. U = Unacceptable. N/A = Not Applicable. FDR = Flood Damage Reduction. NR = Not Rated

---

Flood Damage Reduction System Inspection Report

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### 11. Culverts/Discharge Pipes

(This item includes both concrete and corrugated metal pipes.)

<table>
<thead>
<tr>
<th>Rating</th>
<th>Condition</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>There are no breaks, holes, cracks in the discharge pipes/culverts that would result in significant water leakage. The pipe shape is still essentially circular. All joints appear to be closed and the soil tight. Corrugated metal pipes, if present, are in good condition with 100% of the original coating still in place (either asphalt or galvanizing) or have been relined with appropriate material, which is still in good condition. Condition of pipes has been verified using television camera video taping or visual inspection methods within the past five years, and the report for every pipe is available for review by the inspector.</td>
<td>The culvert is for a storm at the surface and does not pass through the entire levee @ sta 39+00.</td>
</tr>
<tr>
<td>M</td>
<td>There are a small number of corrosion pinholes or cracks that could leak water and need to be repaired, but the entire length of pipe is still structurally sound and is not in danger of collapsing. Pipe shape may be ovalized in some locations but does not appear to be approaching a curvature reversal. A limited number of joints may have opened and soil loss may be beginning. Any open joints should be repaired prior to the next inspection. Corrugated metal pipes, if present, may be showing corrosion and pinholes but there are no areas with total section loss. Condition of pipes has been verified using television camera video taping or visual inspection methods within the past five years, and the report for every pipe is available for review by the inspector.</td>
<td></td>
</tr>
<tr>
<td>U</td>
<td>Culvert has deterioration and/or has significant leakage; it is in danger of collapsing or as already begun to collapse. Corrugated metal pipes have suffered 100% section loss in the invert. HOWEVER: Even if pipes appear to be in good condition, as judged by an external visual inspection, an Unacceptable Rating will be assigned if the condition of pipes has not been verified using television camera video taping or visual inspection methods within the past five years, and reports for all pipes are not available for review by the inspector.</td>
<td></td>
</tr>
</tbody>
</table>

Key: A = Acceptable. M = Minimally Acceptable; Maintenance is required. U = Unacceptable. N/A = Not Applicable. FDR = Flood Damage Reduction. NR - Not Rated

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1. The decision on whether or not USACE inspectors should enter a pipe to perform a detailed inspection must be made at the USACE District level. This decision should be made in conjunction with the District Safety Office, as pipes may be considered confined spaces. This decision should consider the age of the pipe, the diameter of the pipe, the apparent condition of the pipe, and the length of the pipe. If a pipe is entered for the purposes of inspection, the inspector should record observations with a video camera in order that the condition of the entire pipe, including all joints, can later be assessed. Additionally, the video record provides a baseline to which future inspections can be compared.
<table>
<thead>
<tr>
<th>Inspect ID</th>
<th>USACE CENWS_BFLB 2013 a 0002</th>
<th>Item</th>
<th>Unwanted Levee Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Resolved</td>
<td>Remarks</td>
<td>Two trees greater than 4&quot; DBH in levee prism. Trees have been removed.</td>
</tr>
<tr>
<td>Feature</td>
<td>Levee Slope Only (R/S)</td>
<td>Photo</td>
<td>USACE_CENWS_BFLB_2013_a_0002_1.jpg</td>
</tr>
<tr>
<td>Action</td>
<td>None</td>
<td>Category</td>
<td>Levee Enhancements</td>
</tr>
<tr>
<td>Rating</td>
<td>Unacceptable</td>
<td>Evaluation</td>
<td>Significant vegetation.</td>
</tr>
<tr>
<td>Station 1</td>
<td>47+00</td>
<td>Station 2</td>
<td>NA</td>
</tr>
<tr>
<td></td>
<td>USACE_CENWS_BFLB_2013_a_0002_1.jpg</td>
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</table>

<table>
<thead>
<tr>
<th>Inspect ID</th>
<th>USACE CENWS_BFLB 2013 a 0003</th>
<th>Item</th>
<th>Other (Specify in Remarks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Monitor</td>
<td>Remarks</td>
<td>Brush on riverward slope</td>
</tr>
<tr>
<td>Feature</td>
<td>Levee Slope Only (R/S)</td>
<td>Photo</td>
<td>USACE_CENWS_BFLB_2013_a_0003_1.jpg USACE_CENWS_BFLB_2013_a_0003_2.jpg</td>
</tr>
<tr>
<td>Action</td>
<td>Remove</td>
<td>Category</td>
<td>Levee Enhancements</td>
</tr>
<tr>
<td>Rating</td>
<td>Minimally Acceptable</td>
<td>Evaluation</td>
<td>Minimal vegetation.</td>
</tr>
<tr>
<td>Rated Item</td>
<td>Unwanted Vegetation Growth</td>
<td>Station 2</td>
<td>47+00</td>
</tr>
<tr>
<td>Station 1</td>
<td>44+00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>USACE_CENWS_BFLB_2013_a_0003_1.jpg</td>
<td></td>
<td>USACE_CENWS_BFLB_2013_a_0003_2.jpg</td>
</tr>
</tbody>
</table>
District: CENWS  Project: Bonners Ferry LB  Year: 2013  Cycle: a  Inspection Type: Routine

<table>
<thead>
<tr>
<th>Inspect ID:</th>
<th>USACE_CENWS_BFLB_2013_a_0007</th>
<th>Item:</th>
<th>Other (Specify in Remarks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Monitor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope Only (R/S)</td>
<td></td>
<td>Erosion observed along the bench toe. Bench is 40' wide. Erosion damage ties into the end of a 2012 USACE repair.</td>
</tr>
<tr>
<td>Action:</td>
<td>Monitor/repair.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rating:</td>
<td>Minimally Acceptable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Erosion/ Bank Caving</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Station 1:</td>
<td>36+00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photo:**
- USACE_CENWS_BFLB_2013_a_0007_1.jpg
- USACE_CENWS_BFLB_2013_a_0007_2.jpg

---

<table>
<thead>
<tr>
<th>Inspect ID:</th>
<th>USACE_CENWS_BFLB_2013_a_0009</th>
<th>Item:</th>
<th>Slope Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Resolved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope Only (R/S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Action:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rating:</td>
<td>Minimally Acceptable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Slope Stability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Station 1:</td>
<td>31+00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photo:**
- USACE_CENWS_BFLB_2013_a_0009_1.jpg

**Remarks:** Erosion Induced slope sloughing. Has been repaired by usace.

**Category:** Levee Embankments

**Evaluation:** No serious issues affecting stability.

**Station 2:** NA
<table>
<thead>
<tr>
<th>Inspect ID:</th>
<th>USACE_CENWS_BFLB_2013_a_0013</th>
<th>Item:</th>
<th>Unwanted Levee Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Monitor</td>
<td>Remarks:</td>
<td>Thick brush on riverward slope. Difficult to see slope.</td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope Only (R/S)</td>
<td>Photo:</td>
<td>USACE_CENWS_BFLB_2013_a_0013_1.jpg</td>
</tr>
<tr>
<td>Action:</td>
<td>Brush slope</td>
<td>Category:</td>
<td>Levee Embankments</td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Unwanted Vegetation Growth</td>
<td>Station 2:</td>
<td>24+00</td>
</tr>
<tr>
<td>Station 1:</td>
<td>16+00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inspect ID:</th>
<th>USACE_CENWS_BFLB_2013_a_0016</th>
<th>Item:</th>
<th>Unwanted Levee Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status:</td>
<td>Monitor</td>
<td>Remarks:</td>
<td>18&quot; tree</td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope Only (R/S)</td>
<td>Photo:</td>
<td>USACE_CENWS_BFLB_2013_a_0016_1.jpg USACE_CENWS_BFLB_2013_a_0016_2.jpg</td>
</tr>
<tr>
<td>Action:</td>
<td>Remove tree.</td>
<td>Category:</td>
<td>Levee Embankments</td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Unwanted Vegetation Growth</td>
<td>Station 2:</td>
<td>NA</td>
</tr>
<tr>
<td>Station 1:</td>
<td>23+00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inspect ID:</td>
<td>USACE CENWS BFLB 2013 a 0019</td>
<td>Item:</td>
<td>Other (Specify in Remarks)</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------</td>
<td>-------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Status:</td>
<td>Monitor</td>
<td>Remarks:</td>
<td>End of city's maintenance from last year</td>
</tr>
<tr>
<td>Feature:</td>
<td>Levee Slope and Crown</td>
<td>Photo:</td>
<td></td>
</tr>
<tr>
<td>Action:</td>
<td>NA</td>
<td>Category:</td>
<td>Levee Embankments</td>
</tr>
<tr>
<td>Rated Item:</td>
<td>Unwanted Vegetation Growth</td>
<td>Station 2:</td>
<td>NA</td>
</tr>
<tr>
<td>Station 1:</td>
<td>77+00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>