



Spokane Park Board Golf Committee

8:00 a.m. Tuesday, Feb. 07, 2023

In Person: Tribal conference room
1st floor lobby City Hall, 808 W. Spokane Falls Blvd.
Spokane WA 99201

WebEx virtual meeting:

Call in: 408-418-9388 Access code: 2492 208 3357
Mark Poirier – Golf Manager

Committee Members:

Gerry Sperling – Chair
Nick Sumner
Bob Anderson
Barb Richey

The Golf Committee meeting will be held in-person in the Tribal conference room, 1st floor lobby City Hall, 808 W. Spokane Falls Blvd. and virtually via WebEx at 8:00 a.m. Tuesday, Feb. 07, 2023. Committee members, staff, presenters and the public still have the option to participate virtually via WebEx during all meetings.

The public may listen to the meeting by calling 408-418-9388 and entering access code **2492 208 3357**, when prompted.

Written public comment may be submitted via email or mail. Comments must be received no later than 12 p.m. Feb. 06 by email to: spokaneparks@spokanecity.org or mail to: Spokane Park Board, 5th floor City Hall, 808 West Spokane Falls Blvd., Spokane, Washington 99201. Submitted public comments will be presented to committee members prior to the meeting.

Agenda

Call to order – Gerry Sperling

Public comment – Gerry Sperling

Action items:

1. [Spirit Pruners LLC. Change order #1 / Downriver Golf Course Forest Health Management \(\\$88,650.00+tax\)](#) – Nick Hamad
2. [2023 Golf/Parks Chemical/Fertilizer Value Blanket](#) – Mark Poirier

Discussion items:

1. 2022 Water Savings – Nick Hamad
2. 2022 Player No Show Data – Mark Poirier
3. Qualchan Clubhouse Window Project Update – Mark Poirier

Standing reports:

1. Golf marketing report and 2022 recap will be presented during the Park Board meeting.
2. Golf financial report – Mark Poirier

3. Superintendents' report – Mark Poirier
4. What's happening at the Courses – Mark Poirier

Agenda Subject to Change

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6237, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or mpiccolo@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

Spokane Park Board

Briefing Paper



Committee	N/A		
Committee meeting date	February 7, 2023		
Requester	Nick Hamad	Phone number: 509.363.5452	
Type of agenda item	<input type="radio"/> Consent	<input type="radio"/> Discussion	<input type="radio"/> Information <input checked="" type="radio"/> Action
Type of contract/agreement	<input type="radio"/> New	<input type="radio"/> Renewal/ext.	<input type="radio"/> Lease <input checked="" type="radio"/> Amendment/change order <input type="radio"/> Other
City Clerks file (OPR or policy #)	OPR 2023-0033		
Item title: (Use exact language noted on the agenda)	Spirit Pruners, LLC. Change Order # 1 / Downriver Golf Course Forest Health Management (\$88,650.00 plus tax)		
Begin/end dates	Begins: 02/09/2023	Ends: 06/01/2023	<input type="checkbox"/> Open ended
Background/history: Downriver Golf Course Forest Health Management Change Order #1 adds additional items as required to successfully complete project work within the available time, including: <ol style="list-style-type: none"> 1. Add additional equipment (logging forwarders) & site protection (plywood & tires & labor) to allow contractor to transport logs and equipment on-site during non-freezing /soft ground conditions. 2. Add cutting, removal and disposal of (30) additional trees infected with pine beetles. These trees were discovered during a site walk conducted by Urban Forester, Superintendent, and Forester after all trees initially contracted for removal were felled. Additional trees require removal to limit beetle spread on course. 3. Add cutting, removal and disposal of (4) additional trees planned for removal near clubhouse. Adding these trees to project scope reduces overall tree removal impact on golf course by completing all planned work at one time. 			
Motion wording: Move to approve Spirit Pruners, LLC. public works contract for the Downriver Golf Course Forest Health Management project in the amount of \$88,650.00 including tax.			
Approvals/signatures outside Parks: <input type="radio"/> Yes <input checked="" type="radio"/> No If so, who/what department, agency or company: Name: Kelly Chadwick Email address: k@spiritpruners.com Phone: 509.979.3496			
Distribution: Parks – Accounting Parks – Pamela Clarke Requester: Nick Hamad Grant Management Department/Name: Mark Poirier			
Fiscal impact: <input checked="" type="radio"/> Expenditure <input type="radio"/> Revenue Amount: \$85,050.00 (plus tax) Budget code: 4600-55100-94000-56203 \$3,600.00 (plus tax) urban forestry budget code			
Vendor: <input checked="" type="radio"/> Existing vendor <input type="radio"/> New vendor			
Supporting documents: <input checked="" type="checkbox"/> Quotes/solicitation (RFP, RFQ, RFB) <input type="checkbox"/> W-9 (for new contractors/consultants/vendors) <input checked="" type="checkbox"/> Contractor is on the City's A&E Roster - City of Spokane <input type="checkbox"/> ACH Forms (for new contractors/consultants/vendors) <input checked="" type="checkbox"/> UBI: 604374569 Business license expiration date: 11/30/23 <input type="checkbox"/> Insurance Certificate (min. \$1 million in General Liability)			

**CITY OF SPOKANE
PARKS AND RECREATION DEPARTMENT
CHANGE ORDER NO. 1**

NAME OF CONTRACTOR: SPIRIT PRUNERS, LLC.

PROJECT TITLE: DOWNRIVER GOLF COURSE FOREST HEALTH
MANAGEMENT PROJECT

CITY CLERK CONTRACT NUMBER: OPR 2023-0033

<u>DESCRIPTION OF CHANGE:</u>	<u>AMOUNT:</u>
Add logging forwarder & plywood for working in warm/soft ground conditions	\$38,000.00
Add (30) additional infected trees ID'd by owner after initial removals	\$51,750.00
Add (4) additional trees planned for removal adjacent clubhouse	\$ 3,600.00
Mobilization credit for removing additional infected trees during active work	(\$4,700.00)
TOTAL AMOUNT: \$88,650.00	

CONTRACT SUM (EXCLUDE SALES TAX)	
ORIGINAL CONTRACT SUM (INCLUDE ALTERNATES)	\$302,000.00
NET AMOUNT OF PREVIOUS CHANGE ORDERS	\$ 0,000.00
CURRENT CONTRACT AMOUNT	\$302,000.00
CURRENT CHANGE ORDER (EXCLUDES SALES TAX)	\$ 88,650.00
REVISED CONTRACT SUM	\$390,650.00

CONTRACT COMPLETION DATE	
ORIGINAL CONTRACT COMPLETION DATE	February 22, 2023
CURRENT COMPLETION DATE	February 22, 2023
REVISED COMPLETION DATE	March 3, 2023

Contractor's Acceptance: _____ Date: _____

City Approval: _____ Date: _____

Attest: _____ City Clerk

Approved as to form: _____ Assistant City Attorney



**ADD LOGGING
FORWARDER & SITE
PROTECTION FOR
WORKING IN WARM/
SOFT GROUND
CONDITIONS**

ESTIMATE #1915

SENT ON:

01/09/2023

RECIPIENT:

City of Spokane Parks & Rec

City Spokane
808 W Falls Blvd
Spokane, WA 99201

SENDER:

Spirit Pruners

720 N Cochran St
Spokane, WA 99201

Phone: 509-979-3496

Email: admin@spiritpruners.com

Website: SpiritPruners.com

SERVICE ADDRESS:

3225 North Columbia Circle
Spokane, Washington 99205

PRODUCT / SERVICE	DESCRIPTION	QTY.	UNIT PRICE	TOTAL
Equipment Rental	Equipment required for non ideal weather conditions. --8 wheeled forwarder for duration of job --Plywood to protect fairways -- if conditions are particularly poor, potential to use Three Chipper Trucks, if we can't get a tub grinder into the staging area due to mud, and use then at three locations, opposed to the forwarder going to one.	1	\$38,000.00	\$38,000.00

Total

\$38,000.00

[Policy Disclosure:] We love dogs! But it's tedious if we have to scoop poop to do our work, so if your yard is full of dog doo when we arrive, we charge an extra \$100. Thanks for understanding. :)

Signature: _____ **Date:** _____



**ADD (30) ADDITIONAL
INFECTED TREES
DISCOVERED BY
OWNER DURING
CONSTRUCTION**

ESTIMATE #1914

SENT ON:

01/10/2023

RECIPIENT:

City of Spokane Parks & Rec

City Spokane
808 W Falls Blvd
Spokane, WA 99201

SENDER:

Spirit Pruners

720 N Cochran St
Spokane, WA 99201

Phone: 509-979-3496

Email: admin@spiritpruners.com

Website: SpiritPruners.com

SERVICE ADDRESS:

3225 North Columbia Circle
Spokane, Washington 99205

PRODUCT / SERVICE	DESCRIPTION	QTY.	UNIT PRICE	TOTAL
Tree Removal & Haul Debris	Tree Removal and Haul Debris Class 1 Tree 12-18" diameter, thin canopy	7	\$850.00	\$5,950.00
Tree Removal & Haul Debris	Tree Removal and Haul Debris Class 2 Tree 18-24" diameter, medium canopy	12	\$1,600.00	\$19,200.00
Tree Removal & Haul Debris	Tree Removal and Haul Debris Class 3 Tree 25-33" diameter, heavy canopy	6	\$2,100.00	\$12,600.00
Tree Removal & Haul Debris	Tree Removal and Haul Debris Class 4 Tree 33+ diameter, thick canopy	5	\$2,800.00	\$14,000.00
Tree Removal & Haul Debris	Tree Removal and Haul Debris: 4 stem stand of pines adjacent to Pro Shop, remove for new path.	0	\$3,600.00	\$3,600.00

Optional

**ADD (4) ADDITIONAL
TREES PLANNED FOR
REMOVAL ADJACENT
CLUBHOUSE**

[Policy Disclosure:] We love dogs! But it's tedious if we have to scoop poop to do our work, so if your yard is full of dog doo when we arrive, we charge an extra \$100. Thanks for understanding. :)

Subtotal	\$55,350.00
Spokane City (9.0%)	\$4,981.50
Total	\$60,331.50

Signature: _____ Date: _____

Hamad, Nicholas

From: Nelson, Ben
Sent: Wednesday, January 18, 2023 6:28 AM
To: Hamad, Nicholas; Kosanke, Katie; Nittolo, Steve; Poirier, Mark
Subject: Tree Walk
Attachments: Added trees map.png; Added trees map 2.png

All,

Here is the maps of where we added trees to the removal for the tree health management project. It ended up 24 which no one wanted. It has there location and my wag on diameter. Thanks again for the walk through yesterday. Let me know if you need anything from me.

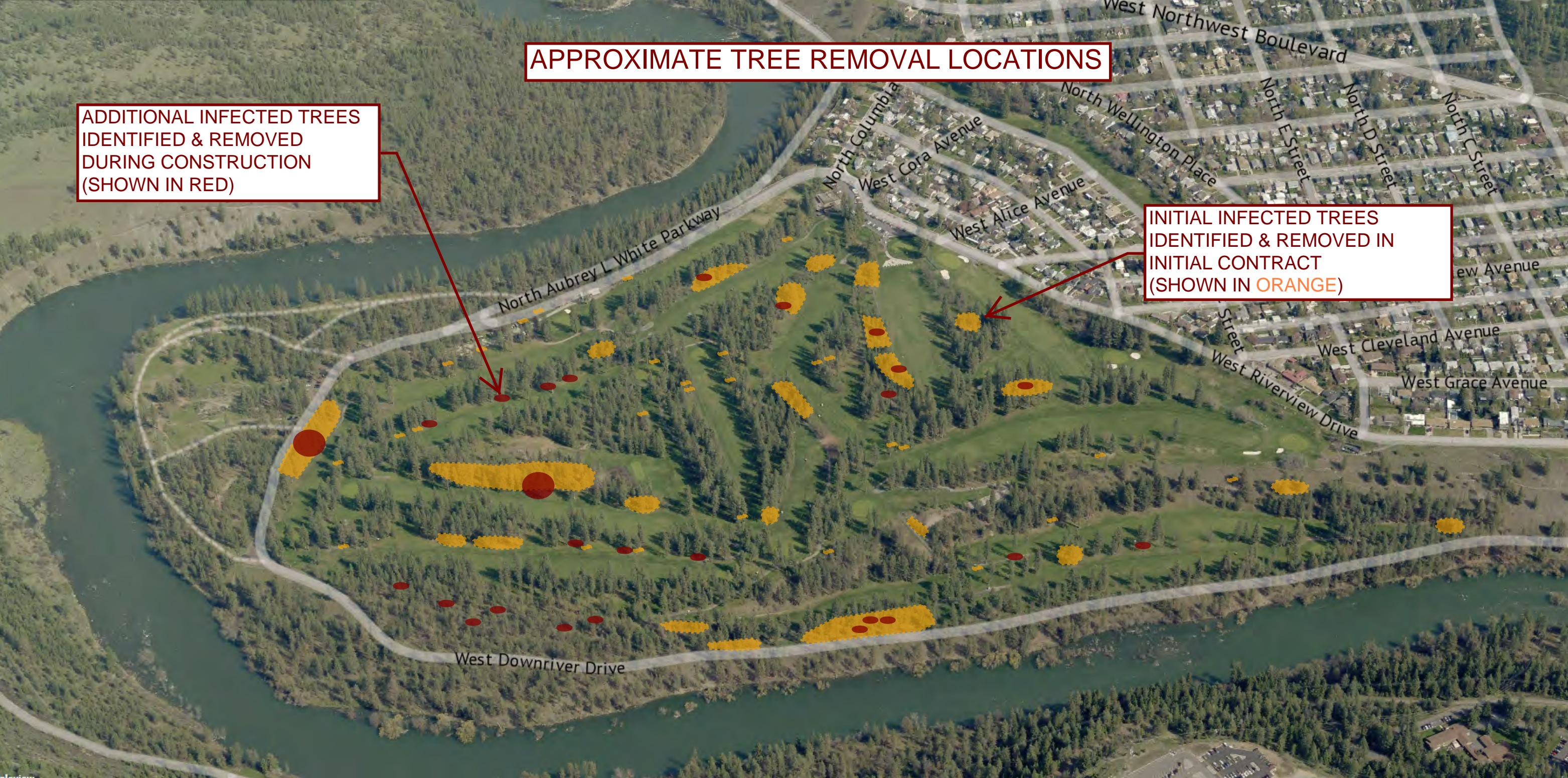
Thanks

Ben Nelson
GCSAA Class A Superintendent
Downriver Golf Course
3225 N. Columbia Circle
Spokane, WA 99205
Office 509-328-0919
Cell 509-818-7979
dbnelson@spokanecity.org

APPROXIMATE TREE REMOVAL LOCATIONS

ADDITIONAL INFECTED TREES IDENTIFIED & REMOVED DURING CONSTRUCTION (SHOWN IN RED)

INITIAL INFECTED TREES IDENTIFIED & REMOVED IN INITIAL CONTRACT (SHOWN IN ORANGE)



Hamad, Nicholas

From: Kelly Chadwick <k@spiritpruners.com>
Sent: Wednesday, February 1, 2023 7:31 AM
To: Hamad, Nicholas
Subject: budget

**MOBILIZATION CREDIT FOR
REMOVING ADDITIONAL
INFECTED TREES DURING
ACTIVE WORK**

[CAUTION - EXTERNAL EMAIL - Verify Sender]

Good morning Nick-

In regards to the 2nd phase of trees and a reduction of price based on volume, I would be comfortable taking \$4700 off the estimate at this point. I won't see the invoice for the loggers till next week and and don't know the cost on the tub grinder yet, which depends on the days it takes them to complete. Those two items have a vast potential cost variation.

How does that feel to you?

Best,

Kelly



Kelly Chadwick | [509.979.3496](tel:509.979.3496) | k@spiritpruners.com | spiritpruners.com

Spokane Park Board

Briefing Paper



Committee	Golf		
Committee meeting date	Feb. 7, 2023		
Requester	Mark Poirier	Phone number: 509.625.4653	
Type of agenda item	<input type="radio"/> Consent	<input type="radio"/> Discussion	<input type="radio"/> Information <input checked="" type="radio"/> Action
Type of contract/agreement	<input type="radio"/> New	<input type="radio"/> Renewal/ext.	<input type="radio"/> Lease <input type="radio"/> Amendment/change order <input checked="" type="radio"/> Other
City Clerks file (OPR or policy #)			
Item title: (Use exact language noted on the agenda)	2023 Golf/Parks chemical/fertilizer value blanket		
Begin/end dates	Begins: 03/01/2023	Ends: 02/28/2024	<input type="checkbox"/> Open ended
<p>Background/history: This annual bid goes out to distributors each spring, for various turf chemicals used throughout of Golf and Parks systems. With new products, rising shipping/fuel/fertilizer costs, this gives Golf and Parks the best chance to acquire the lowest prices. This value blanket also locks us in for a year to help with consistent pricing for budgetary purposes.</p> <p>Attached is a tabulation sheet for these quotes as prepared by City Purchasing Department using required purchasing guidelines.</p>			
<p>Motion wording: To approve the Golf/Parks chemical/fertilizer value blanket for 2023 for an amount NTE (\$260,000)</p>			
<p>Approvals/signatures outside Parks: <input checked="" type="radio"/> Yes <input type="radio"/> No If so, who/what department, agency or company: Name: _____ Email address: _____ Phone: _____</p>			
<p>Distribution: Parks – Accounting Parks – Sarah Deatrich Requester: Mark Poirier Grant Management Department/Name: _____</p> <p style="text-align: right;">Thea Prince - City Procurement</p>			
<p>Fiscal impact: <input checked="" type="radio"/> Expenditure <input type="radio"/> Revenue</p> <p>Amount: _____ Budget code: _____</p> <p>NTE (\$TBA) 4600-55200-76680-53201 4600-55300-76680-53201 4600-55400-76680-53201 4600-55500-76680-53201</p>			
<p>Vendor: <input type="radio"/> Existing vendor <input type="radio"/> New vendor</p> <p>Supporting documents:</p> <p><input checked="" type="checkbox"/> Quotes/solicitation (RFP, RFQ, RFB) <input type="checkbox"/> W-9 (for new contractors/consultants/vendors) <input type="checkbox"/> Contractor is on the City's A&E Roster - City of Spokane <input type="checkbox"/> ACH Forms (for new contractors/consultants/vendors) <input type="checkbox"/> UBI: _____ Business license expiration date: _____ <input type="checkbox"/> Insurance Certificate (min. \$1 million in General Liability)</p>			

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape	
			2103 185th Street	4004 E Francis Ave	6422 E 2nd Ave	4802 N Florida st	12001 E EMPIRE AVE	11600 NE Marx St	3718 E Decatur Ave	
			Fairfield, IA 52556	Spokane WA 99217	Spokane WA 99212	Spokane, WA 99217	Spokane Valley, WA 99206	Portland OR 97220	Spokane, WA 99217	
			VB#	VB#	VB#	VB#	VB#	VB#	VB#	
			xavier@soiltechcorp.com	nick.newman@horizononline.com	jordan@planeturfusa.com	conciennec@helenaaagri.com	bradford@wilburellis.com	jacob.close@simplot.com	Mromanelli@siteone.com	
Reference Number	Description	UOM	(641) 472-6189	(208)929-2522	(816) 217-7363	(509)795-9175	(509) 994-4735	(425) 293-9773	(509) 379-4316	
Fertilizers										
1	0-0-50 Sop mini	50 lb bag			\$49.25		\$37.97		\$41.52	
2	11-11-11 Pro Peat	50 lb bag				\$35.00				
3	16-16-16 Standard Grade	50 lb bag			\$32.25	\$32.00	\$25.00	\$36.38	\$45.59	\$29.33
4	Earthworks Replenish 5-4-5 greens grade	50 lb bag					\$35.00			
5	Earthworks Replenish 10-2-5 greens grade	50 lb bag					\$41.00			
6	Earthworks Myco-Replenish 3-3-3 greens grade	50 lb bag					\$38.00			
7	Earthworks Replenish 16-0-5 standard grade	50 lb bag					\$60.00			
8	Earthworks Replenish 8-2-2 standard grade	50 lb bag					\$25.00			
9	Helena Pro Mate 23.9-11.7-3.8 standard grade	50 lb bag				\$42.36				
10	Best 28-3-6 80%MU 1.25% mini	50 lb bag						\$52.89		
11	Nucleus 0-0-21	5 gal				\$75.00				
12	Hydra-Hume 0-0-1	5 gal				\$75.00				
13	Super Trace 2-0-4 6%FE	2.5 gal					\$59.37			
14	28-0-0 liquid w/MU	2.5 gal			\$30.00	\$35.63				
15	43-0-0 Gal-Xe Standard Grade	50 lb bag					\$46.00	\$69.85		
16	25-0-10 w/slow release	50 lb bag			\$30.75	\$26.00	\$30.59		\$19.95	

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
17	46-0-0 Umaxx Mini	50 lb bag					\$52.73	\$59.65	
18	46-0-0 Urea Solution Grade	50 lb bag		\$35.75	\$35.00	\$26.00	\$24.70	\$35.87	\$33.32
19	Ammonium Sulfate 21-0-0 Solution Grade	50 lb bag		\$22.50	\$30.00	\$23.47	\$24.59	\$29.85	
20	ASN 26-0-0 Best FusN	50 lb bag						\$38.87	
21	Liquid K, no Cl	2.5 gal			\$50.00		\$37.62	\$94.00	
22	25-3-15 Mini Eagle Wilgro plus Infiltrate	50 lb bag					\$45.69		
23	25-3-15 Mini Eagle Wilgro	50 lb bag					\$46.69		
24	Micro Sea	2.5 gal			\$88.00				
25	Andersons 18-0-4 w/Dimension	50 lb bag					\$40.29		
26	Humic Acid 60%+	50 lb bag			\$31.50	\$60.00			
27	12-8-16 pro-prills Best Mini Sgn	50 lb bag					\$42.29	\$29.89	
28	Fulvic Acid liquid	2.5 gal			\$19.00	\$375.00	\$80.75		\$149.00
29	Microgreens 10-4-16 Best greens grade	50 lb bag					\$49.43	\$49.42	
30	ORO-RZ	2.5 gal			\$187.50				
31	Perfect Blend Organics 4-4-4 sgn 150	50 lb bag			\$34.00	\$29.70	\$29.00		\$24.41
32	21-3-5 w/Surge	50 lb bag				\$42.00		\$52.35	
33	Andersons 16-0-9 w/Surge Mini	40 lb bag					\$33.94		
34	Wil-Gro Long Distance 25-4-12	50 lb bag					\$42.00		
35	Perfect Blend Organics 4-4-2 sgn 100	50 lb bag			\$34.48	\$28.91	\$28.47		
36	Andersons DG 12-3-12 greens grade	40 lb bag					\$68.73		
37	Andersons DG 14-7-14 greens grade	40 lb bag					\$75.78		
38	Surface MVP Infield Conditioner	50 lb bag		\$16.61		\$13.70	\$17.65	\$18.95	\$35.00

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
39	SuperCal SO4 standard sgn plus Infiltrate	50 lb bag					\$17.00		
40	SuperCal SO4 standard sgn	50 lb bag					\$16.00		
41	Tru Gyp prilled standard sgn 210	50 lb bag						\$14.75	
42	Amend Simplot	260 gal							
43	Amend Simplot	2.5 gal							
Grass Seed									
1	Alpha Bentgrass non coated	25 lb bag				\$275.00	\$269.25		\$235.05
2	Pure Distinction Bentgrass non coated	25 lb bag			\$467.00	\$418.75	\$500.00	\$475.00	\$526.82
3	L-93 XD Bentgrass non coated	25 lb bag				\$325.00	\$322.75	\$350.00	\$290.75
4	Turf-Type Tall Fescue	50 lb bag		\$113.00	\$80.00	\$97.00	\$102.94	\$154.12	
5	TTTF(85-95%)/KBG(5-15%) mix	50 lb bag		\$125.00		\$105.00	\$113.38		
6	(70/80%) KBG (30/20%) PRG	50 lb bag		\$150.00		\$175.00	\$139.82		
7	Regenerating Perennial Ryegrass Certified non coated	50 lb bag			\$125.00	\$138.00	\$122.79	\$165.25	
8	Regenerating Perennial Ryegrass Certified	50 lb bag				\$156.25			
Fungicides									
1	Headway G	30 lb bag				\$59.76	\$68.70	\$79.80	\$65.12
2	Turfcide 10G	50 lb bag				\$134.50	\$141.00	\$135.44	\$134.50
3	Affirm	2.4 lb bag				\$265.92	\$664.80	\$267.78	\$265.92
4	Chipco 26019	2.5 gal				\$158.70	\$191.00	\$207.25	\$173.65
5	Dorado	2 gal				\$163.52	\$157.64	\$204.50	
6	Fame + C (AGENCY)	2.5 gal				\$512.50	\$692.95	\$564.00	\$512.50
7	Insignia Sc Intrinsic (AGENCY)	30.5 oz				\$542.29	\$516.37	\$461.93	\$516.37
8	Previa	2.5 gal				\$110.00	\$85.29	\$125.85	

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
9	Instrata (Volume Order >25 gals) (AGENCY)	2.5 gal				\$382.66	\$382.70	\$382.66	\$382.70
10	Turfcide 400 PCNB	2.5 gal			\$171.50	\$171.75	\$180.37	\$172.95	\$171.75
11	Velista (AGENCY)	22 oz				\$265.85	\$265.98	\$265.85	\$265.98
12	Premion	2.5 gal				\$218.40	\$218.40	\$219.93	
13	Signature XTRA STRESSGUARD (AGENCY)	5.5 lb				\$207.41	\$191.56	\$191.58	\$191.58
14	Maxtima (AGENCY)	26 oz				\$226.98	\$214.76	\$214.76	\$214.76
15	Tekken	2.5 gal				\$412.50	\$412.50	\$412.50	\$412.50
16	Navicon (AGENCY)	37 oz				\$543.16	\$517.26	\$517.26	\$517.26
17	Secure Action (AGENCY)	0.5 gal				\$413.37	\$413.38	\$413.37	\$413.38
18	Segway SC	39.2 oz				\$436.10	\$436.10	\$436.10	\$436.10
19	Union SC	2.5 gal				\$700.75	\$700.75	\$700.75	\$700.75
20	Appear II (AGENCY)	2 gal				\$362.52	\$362.52	\$362.52	\$362.52
21	Pedigree SC	2.5 gal				\$851.63	\$851.62	\$851.63	\$851.63
22	Densicor (AGENCY)	51 oz				\$730.08	\$677.91	\$730.08	\$677.91
23	Subdue Maxx (AGENCY)	1 gal				\$586.07	\$586.08	\$586.07	\$586.08
24	Posterity XT (AGENCY)	2.5 gal				\$614.27	\$614.30	\$614.27	\$614.30
25	Serata (AGENCY)	35 oz				\$440.00	\$478.33	\$475.00	\$440.00
26	Ascernity (AGENCY)	1 gal				\$476.31	\$476.32	\$476.31	\$476.32
Generic Fungicides (any brand)									
1	Chlorothalonil	2.5 gal		\$100.00	\$82.00	\$85.00	\$87.00	\$129.95	\$78.38
2	Propiconazole 14.3%	2.5 gal		\$280.00		\$175.00			\$158.99
3	Iprodione	2.5 gal		\$270.00	\$200.00	\$158.70			\$155.74
4	Fluazinam	1 gal		\$424.00	\$246.00				
5	Tebuconazole	1 gal		\$103.00	\$56.25	\$65.00		\$120.25	\$65.55
6	Thiophanate-Methyl	2.5 gal		\$173.00	\$140.00	\$102.50		\$198.85	\$111.54
7	Prohexadione calcium 27.5%	1 lb			\$65.00	\$68.00			
8	Trinexapac ethyl 11.3%	1 gal		\$145.00	\$120.00	\$105.00		\$204.18	\$102.79
9	Ethephon 21.7%	2.5 gal		\$90.00	\$83.00	\$89.20			\$76.58
10	Azoxystrobin 50 WDG	1 lb		\$125.00		\$117.00			\$350.00
Wetting Agents									
1	Aristocracy	2.5 gal				\$175.00			
2	Duplex	20 gal			\$829.00		\$829.60		
3	Rely III	2.5 gal						\$220.00	
4	Rely III	30 gal						\$1,915.00	
5	Rely 2 (no longer available)	30 gal							
6	Dispatch Injectable	30 gal		\$1,180.00			\$1,237.50		\$1,237.50
7	Soaker +	2.5 gal				\$120.00			
8	Soaker +	30 gal				\$1,440.00			

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
9	Revolution	2.5 gal		\$288.00			\$313.50		\$313.50
10	Vivax	20 gal			\$1,504.60		\$1,504.60		
Herbicides									
1	Desperado	2.5 gal					\$196.77		
2	Battleship III	2.5 gal				\$187.50			
3	Defendor	32 oz			\$191.36	\$199.03	\$199.03	\$205.59	\$199.03
4	Specticle Total	144 oz				\$103.00	\$96.65		
5	Dithiopyr 20-25%	2.5 gal				\$577.88	\$554.35		\$577.88
6	GameOn	2.5 gal				\$146.63	\$146.62		\$146.63
7	On Deck	2.5 gal				\$150.00			
8	Sublime	2.5 gal			\$345.00	\$345.00			\$345.00
9	Glyphosate 41%	2.5 gal			\$110.00	\$82.50	\$50.45	\$108.99	\$102.81
10	Drive XLR8	.5 gal				\$62.00	\$53.30	\$61.55	\$53.97
11	Crew	50 lb bag				\$110.00	\$110.00	\$117.25	
12	Surge	2.5 gal		\$157.00		\$197.00	\$203.00	\$209.00	
13	Speedzone EW	2.5 gal		\$200.00		\$253.00	\$253.00	\$287.15	\$253.00
Other									
1	Podium	1 gal				\$152.00	\$157.64	\$194.34	\$171.69
2	In-Place	2.5 gal					\$148.95		
3	Castaway	50 lb			\$65.00		\$76.60		
4	Peaco peat moss hypnum peat	2.0 cbft					\$12.50		
5	Premier Pro Mix HP w/Mycorrhizae	3.8 cbft					\$43.81		
6	Premier Pro Mix HP	3.8 cbft					\$42.00		
7	Bac-Pack, Soil Tech Corp	2.5 gal	\$640.61						\$432.88
8	Anuew	1.5 lb				\$118.20	\$118.20	\$124.75	\$118.20
9	Quanta	2.5 gal				\$156.25			
10	New Balance	1 gal							
11	DuraPhite 12	2.5 gal						\$146.75	
12	Oskie	2.5 gal				\$159.20			
13	Transition HC pigment	1 gal				\$165.00	\$123.50		