

AGENDA ITEM

BUSINESS OF THE CITY COUNCIL City of Des Moines, WA

SUBJECT: Bird Deterrent Ball Purchase

FOR AGENDA OF: November 21, 2024

ATTACHMENTS:

1. 2024 Bird-X Bird Deterrent Balls Purchase Order

DEPT. OF ORIGIN: Public Works

DATE SUBMITTED: November 13, 2024

CLEARANCES:

- City Clerk _____
- Community Development _____
- Courts _____
- Director of Marina Redevelopment _____
- Emergency Management _____
- Finance *MH 28*
- Human Resources _____
- Legal */s/ MH*
- Marina _____
- Police _____
- Parks, Recreation & Senior Services _____
- Public Works *MH 28*

APPROVED BY CITY MANAGER

FOR SUBMITTAL: *Katherine Coffey*

Purpose and Recommendation

The purpose of this agenda item is to seek City Council approval to direct administration to approve the purchase of Bird-X Bird Deterrent Balls (Attachment 1). The following motion will appear on the consent calendar:

Suggested Motion

Motion: “I move to approve the purchase of Bird-X Bird Deterrent Balls, for a total estimated amount of \$124,191.00, and to authorize the City Manager or the City Manager’s designee to sign the purchase order at the time they are created.”

Background

On March 2, 2023 the City of Des Moines received notice from The Port of Seattle that Tract A pond of the Des Moines Creek Business Park is out of compliance with Federal Aviation Administration (FAA) standards related to wildlife attractants. Tract A pond has been in ownership and maintenance of the City of Des Moines since May 17, 2017.

FAA Advisory Circular 150/5200-33C states that stormwater detention ponds that have standing water for a duration longer than 48 hours often attract large numbers of potentially hazardous wildlife. Operation of stormwater management facilities on or near public-use airports that do not meet the 48 hours requirement must turn to the use of physical barriers, such as bird balls, wire grids, or netting, to prevent access of hazardous wildlife to open water and minimize aircraft-wildlife interactions.

Discussion

Staff have reviewed the various options for the use of physical barriers from a cost and future maintenance perspective and bird deterrent balls are the recommended option to comply with this standard.

Product Selection

Staff reached out to three suppliers to solicit quotes to cover the approximate 32,000 square feet of pond water surface area with bird deterrent balls. Bird-X was selected based on cost, product review, and to be uniform in material selection with existing City applications. The estimated total is \$112,696.00, plus the applicable Washington State sales tax of \$11,495.00 to bring the total cost to **\$124,191.00**. Given that the estimated total of this purchase is over the City Manager's authorized signing authority of \$50,000.00, Council approval is necessary for this purchase.

Environmental Considerations and Wildlife Impacts

Bird-X Bird Balls are made of 100% HDPE. HDPE is generally considered environmentally safe, especially in water-related applications, which is why it's widely used in stormwater and potable water systems. Here's why it's often chosen for environmentally sensitive projects:

1. **Chemical Inertness:** HDPE is chemically inert, meaning it doesn't leach harmful substances into the water. This makes it safe for long-term water contact without contaminating the water supply or aquatic environments.
2. **Durability:** HDPE pipes are resistant to corrosion, rust, and many chemicals, which means they have a long-life span (often 50-100 years) and don't degrade quickly, minimizing environmental impact over time.
3. **Recyclability:** HDPE is recyclable and, when properly disposed of or reused, has minimal long-term impact on the environment compared to other materials.

Alternatives

The City Council could choose not to approve this purchase and direct staff to consider other physical barrier options. This decision would delay the City's compliance with the FAA's regulatory requirements and other alternatives for physical barriers would likely result in a higher cost and present maintenance challenges.

Financial Impact

The Surface Water Management Maintenance Fund (Fund 45003001) has full revenue to support the proposed expenditures.

Recommendation

Staff recommends adoption of the motion.

Council Committee Review:

Not Applicable.

CITY OF DES MOINES

Finance Division

21630 11TH Avenue South

Des Moines WA 98198-6317

Phone 206.870.6511 Fax 206.870.6540

**PURCHASE ORDER**

THE FOLLOWING NUMBER MUST APPEAR ON ALL RELATED CORRESPONDENCE, SHIPPING PAPERS, AND INVOICES:

P.O. NUMBER: PBPW 11/13/2024 #116

To: Bird-X Inc.
845 N Larch Ave
Elmhurst, IL 60126
ATTN: Tom Olmsted
PHONE: (312)226-2473
EMAIL: tomo@bird-x.com

SHIP TO:
Engineering Department
City of Des Moines, WA
21650 11th Avenue South
Des Moines WA 98198-6317
206.870.6523

P.O. DATE	REQUISITIONER	SHIPPED VIA	F.O.B. POINT	TERMS
11/13/2024	Brandon Pitts			Net 30 days

QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
32000		B-Balls-HT-AQ-CUS	\$ 2.48	\$79,360.00
32000		B-Balls-SC	\$.30	\$ 9,600.00
		** See Attached Quote #842017		

Authority: At the direction of the Des Moines City Council, taken
at an open public meeting on 11.21.2024.

SUBTOTAL	\$ 88,960.00
FREIGHT	\$ 23,736.00
10.2% SALES TAX	\$ 11,495.00
OTHER	
TOTAL	\$124,191.00

1. Please send two copies of your invoice.
2. Enter this order in accordance with the prices, terms, delivery method, and specifications listed above.
3. Please notify us immediately if you are unable to ship as specified.
4. Send all correspondence to: Address above

INTERNAL INSTRUCTIONS:

CHARGE TO DM CITY CODE: 45003001.548220

M.P. Slevin III, P.E.

13 NOV 24

Ordered by:
Brandon Pitts
Civil Engineer I

Date
11.13.2024

Authorized by:
Michael P. Slevin III, P.E.
Public Works Director

Date
11.13.2024



Quote No.

842017

Quote Date

10/15/2024

Bird-X Celebrates 50 years of Green Pest Control

845 N Larch Ave, Elmhurst, IL 60126
Tel: (312) 226-2473 | Fax: (312) 226-2480
Tax ID#: 36-2540314

Shipping Instructions

FOB TIJUANA MX
Shipped on pallets in super sacks

QUOTE

Bill to	Ship to
Des Moines Washington Engineering 21650 11th Avenue S. Des Moines, WA 98198 US 206-870-6523	Des Moines Washington Engineering 2141 S 211th St Des Moines, WA 98198 US

Account No.	Sales Rep	PO #	Payment Terms	Ship Via
78681	Tom Olmsted	Pallets and sacks	MV	FTL

Line	Item	UOM	QTY	Unit Price(USD)	Ext. Value(USD)
1	B-BALLS-HT-AQ-CUS Hexprotect AQUA Cover custom water ballasted- 130	SF	32000	2.48	79,360.00
2	B-BALLS-SC Surcharge - Resin Shortage	SF	32000	0.30	9,600.00
3	FREIGHT Freight Line Item	EA	1	23,736.00	23,736.00

For questions regarding this quote or to place the order please contact your sales representative (below). Quotes will be valid for up to 30 days after the original quote date. After 30 days prices including freight may be subject to change.

Total (USD)	112,696.00
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*Orders shipping to California or Illinois may have additional sales tax applied upon order placement which is not displayed in the total above.

Sales Rep: Tom Olmsted

Email:

Phone:



Quote No.

842017

Quote Date

10/15/2024

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