



To: Honorable Mayor and Village Council Date: October 17, 2016
From: Edward Silva, Village Manager Re: Playground Equipment for
Coral Reef Park and Palmetto
Bay Park

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO PARKS AND RECREATION; AUTHORIZING THE VILLAGE MANAGER TO EXPEND UP TO \$78,265.00 FOR THE PURCHASE, DELIVERY AND INSTALLATION OF PLAYGROUND EQUIPMENT AT CORAL REEF PARK AND PALMETTO BAY PARK; AUTHORIZING THE VILLAGE MANAGER TO APPROVE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED \$ 78,265.00; AND PROVIDING FOR AN EFFECTIVE DATE. (Sponsored by Administration)

BACKGROUND AND ANALYSIS:

In response to suggestions by Palmetto Bay citizens and park patrons regarding possible efforts to provide enhanced and challenging recreational amenities within Coral Reef Park and Palmetto Bay Park playgrounds, we are trying to meet their requests by purchasing these items. The pricing for these pieces of equipment are based on piggybacking RFP No. 13/14-8 Various Equipment and Amenities for Parks and Playgrounds for Clay County, Florida, which pricing is believed in good faith to be pursuant to a competitive bid process.

FISCAL/BUDGETARY IMPACT:

For fiscal year 2016-17, annual capital improvement budget.

RECOMMENDATION:

Approval of this item is recommended.

Attachments:

- Exhibit A – Dynamo Playground Industries Quote#I605278-USA-3
- Exhibit B – Diagrams and Pictures for Items in question.

1 **PASSED and ADOPTED** this 17th day of October, 2016.
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5 Attest: _____

6 Missel Arocha
7 Village Clerk

Eugene Flinn
Mayor

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10 APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE AND
11 RELIANCE OF THE VILLAGE OF PALMETTO BAY, FLORIDA ONLY:
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15 Dexter W. Lehtinen
16 Village Attorney

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19 FINAL VOTE AT ADOPTION:

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21 Council Member Karyn Cunningham _____

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23 Council Member Tim Schaffer _____

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25 Council Member Larissa Siegel Lara _____

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27 Vice-Mayor John DuBois _____

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29 Mayor Eugene Flinn _____

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5-733 Industrielle St.
 Rockland, ON K4K 1T2
 Canada
 Tel: (613) 446-0030
 Fax: (613) 446-0034

QUOTE

Quote No.: 1605278-USA-3
 Date: 07/13/2016
 Page: 1

Sold To:

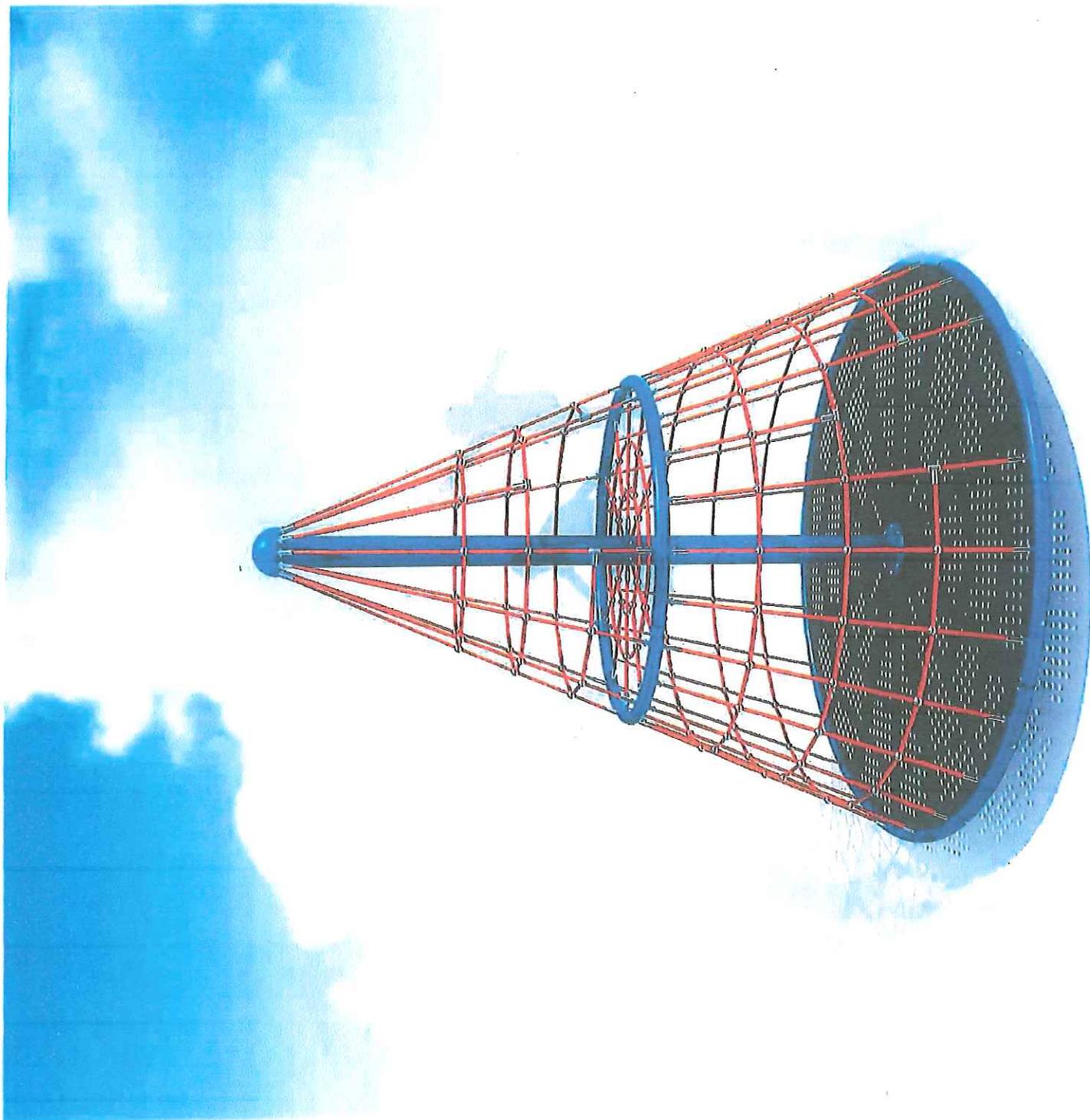
City of Palmetto Bay
 Fanny Carmona
 9705 East Hibicus Street
 Palmetto Bay, FL 33157
 USA

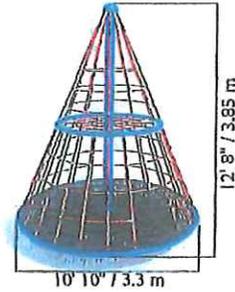
Ship To:

Tag: Palmentto Bay Park & Coral Reef Park
 City of Palmetto Bay
 9705 East Hibicus Street
 Palmetto Bay, FL 33157
 USA

GST/HST No: 872335070

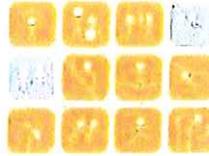
Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount	
DX-2100-F	2	Each	Apollo with floor		23,055.00	\$46,110.00	
SE-INS	2	Each	Installation		8,585.00	\$17,170.00	
	2		Surfacing - 407 Sq/Ft		5,295.00	\$10,590.00	
			* Freight quotation is for standard delivery only; any extras such as lift gate, limited access, etc may require a surcharge * Heavy machinery such as a forklift or other mechanical device will be required to offload this shipment * Freight rates are estimated, and may be subject to change up until time of shipment *This quotation includes installation, but does not include any site preparation, grading, over-excavating or surfacing. Any caliche, rock or obstacles interfering with basic excavation for footers will be the responsibility of the General Contractor. * Dynamo is not responsible for any required box expansions * Dynamo is not responsible for any damages to existing surfacing *This quotation not valid for more than 30 days				
			Freight			\$4,395.00	
Comments							
We submit this quotation as our offer to sell equipment to the buyer quoted above. This is not an acknowledgement and no goods will be produced until all requirements are met as stated herein, to the satisfaction of the seller. To accept this proposal, please sign, date and return with other materials required. Once signed and returned any changes must be submitted in writing and approved by the seller. No goods may be returned without prior written consent. Errors & Omissions excluded. Terms: 50% deposit required to process order. * Please allow 9 to 11 weeks for delivery. When placing order; please reference quote: 1605278-USA-3					Total Amount	\$78,265.00	





Product Name	Apollo™ with Floor
Product Number	DX-2100-F
Size -- Diameter	3,30 m / 10' 10"
Size -- Height	3.85 m / 12' 8"
Shipping Weight	905 kg / 1995.2 lb
Shipping Volume	3.60 m ³ / 127.1 ft ³
Foundations	1
Concrete Volume	No Concrete Required

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	5 years - 12 years
Capacity	35	35	35
Use Zone -- Diameter	7.30 m / 23' 11"	8.70 m / 28' 7"	7.30 m / 23' 11"
Fall Height	2.81 m / 9' 3"	2.81 m / 9' 3"	2.81 m / 9' 3"



Product Features:

- MAIN SUPPORT POST:** This Inner support post provides support and stability to the rotational system. This will be constructed of 5 1/2" (139.8mm) OD schedule 40 galvanized steel pipe, mounted to a reinforced steel base with braces.
- ROTATIONAL POST:** This outer support post provides the anchoring point for climbing nets and allows the unit to rotate as one. This will be constructed from 6 5/8" (168mm) OD schedule 10 galvanized steel pipe finished with polyester powder coating. The top will be finished with a 1/4" (9mm) thick top plate. Integrated climbing net connection points will be included on the top plate and along the rotational support post as required. Integrated connection points for the deck will also be provided as required.
- ROTATION:** The Rotational Post will rotate along with all other parts of the play equipment in a way that prevents clothing entanglements or pinching.
- HORIZONTAL RINGS:** These will be 3" (75mm) OD galvanized steel tubing finished with polyester powder coating. Rings will include integrated climbing net connections points as required.
- 20MM ROPE:** These will be 20 mm diameter polyamide (nylon) rope cable with UV protection and fire retardant solution that is manufactured in house by Dynamo. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing wires within a polyamide (nylon) braid, wrapped around a solid polyamide (nylon) core for a total of 144 galvanized steel reinforcing strands. Rope shall achieve a Class 7-8 Colourfastness rating.
- NET CONNECTIONS:** Each location where the climbing nets meet the ring or post will have a one-piece stainless steel junction sleeve compressed onto the rope and affixed to the post or ring connector with a bolt and nut.

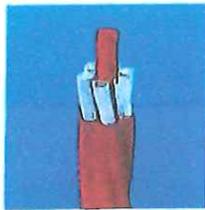
BALL KNOTS:	This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667 kN) to prevent the connection from moving and causing premature cable wear.
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
BEARINGS:	This will be maintenance-free self-lubricating nylon, sealed and integrated into the central post, leaving no apparent mechanism.
DECKING:	This will be constructed of custom cut 3/16" (5mm) thick punched steel decking with 2" (50mm) angle frame, 3/16" (5mm) thick, welded perpendicular to the deck surface for support. Deck sections are dipped in a phthalate-free PVC coating.
FOOT BASE:	This will be 4' x 4' (1220mm x 1220mm) galvanized steel plates, 3/16" (5mm) thick, attached to the support posts with 2" x 2" (50mm x 50mm) galvanized angle steel braces and buried under 4' 6" (1370mm) of fill mass for stability.
INSTALLATION:	This should be installed only by a licensed playground installer, trained and certified on the relevant playground standards in place in the region of installation, e.g., NPSI, CPSI or similar certified.
NO-ENCROACHMENT ZONE:	Where required, this will be an obstacle-free zone that does not necessarily meet the requirements of the protective surfacing zone. See applicable standard for more information.
COMPLIANT WITH:	CAN/CSA-Z614-07 ASTM F-1487-11 EN-1176 CPSC Handbook for Public Playground Safety
TÜV CERTIFIED:	Certified to EN 1176:2008 TÜV Rheinland Certificate N° AK50084826
IPEMA CERTIFIED:	The DX-2100-F identified in this specification sheet is IPEMA certified. The use and layout of the DX-2100-F conforms to the requirements of ASTM F1487 and CSA Z614. To verify product certification visit www.ipema.org .



† Where proper surfacing is used, this product meets the ADAAG guidelines for accessibility, allowing the same play possibilities for people of all abilities.



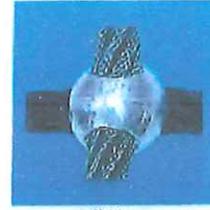
Support Posts



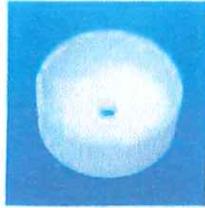
Climbing Net - 20 mm



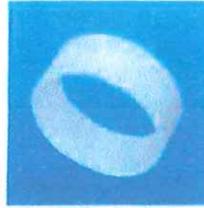
Net Connector



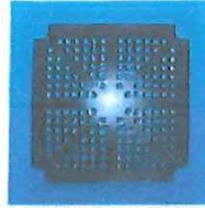
Ball Knot



Top Bearing



Bottom Bearing



PVC Dipped Decking

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