




Purchasing Department

209 Water Street  
Johnson City, TN 37601  
(423) 975-2715

## ADDENDUM

TO: All Prospective Vendors

FROM: Debbie Dillon,   
Director of Purchasing

SUBJECT: Addendum No. 2 –ITB #6231  
Carver Park Playground Surface Replacement project

DATE: May 15, 2018

Consider this addendum an integral part of the above referenced Invitation to Bid:

See attached questions and answers and report for clarification of above referenced project.

All other specifications/requirements remain the same. **Vendor to acknowledge receipt of this addendum by initialing and returning the addendum notice with the return solicitation package or via e-mail if it has already been submitted.** Failure to acknowledge this addendum could be cause for rejection of your submittal. Your unopened response envelope can be returned to you for re-submittal upon request. Any questions regarding addendum submittal please contact this office.

/vh  
3 pg attachment

## ITB #6231 Carver Park Playground Surface Replacement Questions and Answers

1. Do you want to repair the existing surface OR remove & replace the surface in accordance with the specifications listed in RFP #6231? **Repair or replace to meet all requirements**
2. It was stated at the Pre-Bid meeting the surface cannot exceed the current specifications in original RFP #6110? The specifications in this RFP (Reference 3.3) are vague and do not offer a specific edge treatment. Is a concrete curb necessary for edging? **Concrete curb or approved.**
3. The original RFP #6110 did not require a HIC/GMAX test. Will one be required to be supplied by contractor as stated in RFP #6231? **Yes a test will be required.**
4. In order to meet use zone & safety surface of the current equipment installed, the surface area is apx 3400 SF and the fall height varies from 4 ft to 8 ft. Do we quote this area and fall height or the specifications in RFP #6231 (4500 SF & 9 ft fall height)? **Refer to 6231.**
5. The audit report released on Friday afternoon with addenda #1 (page 40) states the existing surface near the swing area "...did not pass a HIC/GMax test. See Triax report." The reports given at Friday meetings included test reports for the 5-12 Equipment & the 2-12 Equipment. The swing area test was not distributed. Could you please release that test data? **Report attached - The HIC test should not exceed 1000**



There shall be one report for each play structure or functionally linked play structures and for each type of surface material. Each test shall comprise of a minimum of 3 impact locations per play space or type of surfacing material with three drops from the same height to the same point. The report shall be descriptive enough to assist the user of the report in determining compliance with contracts and Standards. The CSA Z614-03 and the ASTM F1292 set minimum values as the Gmax shall not exceed 200 and the HIC shall not exceed 1000 from the drop height stipulated by the owner/operator prior to purchase.

<i>Agency requesting the tests</i>	<i>Playground Site</i>	<i>Manufacturer/Installer of Surface</i>
Name: City of Johnson City TN	Name: Carver Park	Name: Playworld
Address: 4137 Bristol Highway	Address: 322 W Watauga Ave	Address:
City: Johnson City State: TN	City: Johnson City State: TN	City: State:
Zip: 37601 Country	Zip: 37601 Country	Zip: Country
Contact name James Ellis	Contact name	Contact name
Contact phone	Contact phone	Contact phone

**Description of Test Area : Swings**

**Date of Test: 5/1/2018**                      **Test Apparatus: Triax 2010**                      **Weather: 75 & clear**

**Description of Surface: Turf**                      **Date Installed: 2/2018**                      **Critical Height: 8'4"**

**Condition: uneven/loose**                      **Seams: OK**                      **Wear: OK**

**Fasteners: Loose**

The drop height each test location shall be the greater of the critical height for the surface material, the fall height for the play structure as stated in the relevant playground Standard or the height specified by the owner/operator prior to purchase. The drop height is physically measured. The drops are performed from the same drop height to the same point on the surface.

Drop #	Drop height	Drop location in relation to structure	Picture	Surfacing	Gmax	HIC
60	8'5"	Swings – front swing	1	Turf	188	1482
61	8'4"			Turf	189	1461
62	8'4"			Turf	183	1377
					<b>186</b>	<b>1419</b>

Drop #	Drop height	Drop location in relation to structure	Picture	Surfacing	Gmax	HIC
63	8'4"	Back left	2	Turf	222	1826
64	8'5"			Turf	213	1671
64	8'5"			Turf	221	1719
					<b>217</b>	<b>1694</b>

Drop #	Drop height	Drop location in relation to structure	Picture	Surfacing	Gmax	HIC
66	8'4"	Back right	3	Turf	170	1264
67	8'4"			Turf	179	1329
68	8'4"			Turf	177	1297
					<b>178</b>	<b>1313</b>

The results herein reflect the performance of the tested playground surface at the time of testing and at the temperature(s) and ambient conditions reported. Performance will vary with temperature, moisture content and other factors.

Test performed by

Ed LaRocque

Authorized signature.