

**PUBLIC WORKS DEPARTMENT  
MEMORANDUM**

DATE: March 16, 2016  
TO: NURA Board  
FROM: Kent Kisselman, P.E. Engineering Manager  
  
SUBJECT: Grant Street Improvements

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**BACKGROUND**

On May 13<sup>th</sup>, 2015 NURA and J&T Consulting entered into an agreement for professional services for the design and construction management of the Grant Street Improvements. The original scope for design included signalized intersection, minor raised median improvements (with no landscape) with an anticipated construction time of 6 weeks.

During the course of the design the scope of services changed under Addendum 1 of the contract. The revised scope included additional landscape and irrigation modifications to include landscape walls, plantings, and other treatments within the corridor.

Due to the changes in the scope of the design the construction complexity and overall construction scheduled changed. The current construction scheduled changed from 6 weeks to 16 weeks. Due to this change the overall scope of J&T contract for construction administration and management has changed. The reflected changes in scope and prices are attached in Addendum 2 to the contract.

**BUDGET/TIME IMPLICATIONS**

Staff is requesting an increase in J&T Consulting contract to accommodate the increase in scope of services that originated in the design phase of the contract. The original contract was \$72,765 and addendum was \$20,925 for a new contract amount of \$93,690. Addendum 2 will be for \$41,640.

**RECOMMENDATION**

1. Execute a contract addendum between NURA and **J&T Consulting Inc.** for the Grant Street Improvements construction management and administration in the amount of **\$41,650.**

Staff recommends approval of this Resolution.

**STAFF REFERENCE**

Kent Kisselman, PE, Engineering Manager  
Gregory Yanker, PE, Lead Engineer

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**ATTACHMENTS**

- Addendum 2

NORTHGLENN URBAN RENEWAL AUTHORITY

RESOLUTION NO.

N/16-10  
Series of 2016

**A RESOLUTION APPROVING A SECOND AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN THE NORTHGLENN URBAN RENEWAL AUTHORITY AND J&T CONSULTING, INC.**

WHEREAS, on May 13, 2015 the Board authorized a professional services agreement (PSA) with J&T Consulting, Inc.

WHEREAS, the approved PSA defined the services to be performed and authorized compensation of up to \$72,765.00 for those services; and

WHEREAS, the Board desires to revise the scope of services.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE NORTHGLENN URBAN RENEWAL AUTHORITY, THAT:**

Section 1. The Second Amendment to the Agreement for Professional Services between the Northglenn Urban Renewal Authority and J&T Consulting attached as **Exhibit A**, is hereby approved and the Chair is authorized to execute same on behalf of the Authority.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Rosie Garner  
Chair

ATTEST:

APPROVED AS TO FORM

\_\_\_\_\_  
Debbie Tuttle  
Executive Director

\_\_\_\_\_  
Jeff Parker  
Board Attorney



**Design and Construction Services Scope and Fee Summary**

2/15/2016

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Task	Description	J&T Consulting				Sub-Consultants				DHM Design	Subtask Subtotal
		Project Manager	Project Engineer	Senior Designer	Engineer Designer	Surveying	Signal Timing & Design	Utility Potholing	QC Testing		
		Murray	Murray \ York	Yee	Stember Shaw Schum	American West	STS	NCC	Cesare		
		rate	\$95	\$85	\$75	\$65					

**Design Services**

	<b>Project Management and Coordination</b>										
	Project Management Plan Development and Maintenance	24									\$2,280
	Project Team Meetings(2)	3	3	3	3		\$600				\$1,560
<b>A</b>	<b>Project Reconnaissance/Document Review</b>										
	Existing Traffic Study Review	2		2			\$600				\$940
	SCL Hospital Drawing Review	2		2							\$340
<b>B</b>	<b>Data Collection and Survey</b>										
	Survey Control, Design Survey for Entire ROW Width	1	2	2		\$4,000					\$4,415
	Utility Potholing (Allowance)	2			4			\$2,500			\$2,950
<b>C</b>	<b>Roadway Design</b>										
	Construction Drawings										
	Cover Sheet/General Notes	1		1	2						\$300
	Existing Conditions Plan(s)	1	1	2	4						\$590
	Demolition Plan(s)	1	2	4	8						\$1,085
	Raised Median Layout Plan(s)	1	4	8	16						\$2,075
	Mill / Overlay and Concrete Replacement Plan(s)	1	2	4	8						\$1,085
	Signal Plans	1		2	2						\$375
	Signage and Striping Plan(s)	1	4	8	8						\$1,555
	Construction Phasing Plan(s)	1	4	8	8						\$1,555
	Traffic Control Plan(s)	1	4	8	16						\$2,075
	Roadway / Median Details	1	4	8	8						\$1,555
	Technical Specifications	1	4	8	8						\$1,555
	Opinion of Probable Costs	1	4	4	8		\$600				\$1,855
<b>D</b>	<b>Signal Design</b>										
	Mast Arm Traffic Signal Design & Signal Timing Analysis	2		2			\$5,600				\$5,940
	<b>Design Services Subtotals</b>	<b>48</b>	<b>38</b>	<b>76</b>	<b>103</b>	<b>\$4,000</b>	<b>\$7,400</b>	<b>\$2,500</b>	<b>\$0</b>		<b>\$34,085</b>
											<b>Expenses (3%)</b>
											<b>\$1,020</b>
											<b>Design Services Total</b>
											<b>\$35,105</b>



**Design and Construction Services Scope and Fee Summary**

2/15/2016

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Task	Description	J&T Consulting				Sub-Consultants				DHM Design	Subtask Subtotal
		Project Manager	Project Engineer	Senior Designer	Engineer Designer	Surveying	Signal Timing & Design	Utility Potholing	QC Testing		
		Murray	Murray \ York	Yee	Stember Shaw Schum	American West	STS	NCC	Cesare		
		<i>rate</i>	\$95	\$85	\$75	\$65					

**Construction Services**

<b>E</b>	<b>Construction Administration</b>										
	Bid Document Preparation	2	4		4						\$790
	Pre-Bid Conference Attendance	2									\$190
	Bid Addendum Development and Distribution	2	4								\$530
	Review Project Submittals	2	4	4	8		\$300				\$1,650
	Bid Tabulation, Review, and Award Recommendation	4									\$380
	Attend Pre-Construction Conference & Walkthrough	4			2		\$300				\$810
	As-Constructed Drawings	2	4	4	8		\$300				\$1,650
<b>F</b>	<b>Construction Management (6 weeks)</b>										
	Field Observation		40		120		\$600				\$11,800
	Weekly Construction Progress Meetings (6)		9		9						\$1,350
	Quality Control Coordination and Testing Allowance	4	4						\$10,000		\$10,720
	Respond to Requests for Information	2	4	4	4		\$300				\$1,390
	Change Order Review, Approval, and Log	4	4								\$720
	Pay Application Review and Approval	4	4				\$300				\$1,020
	Business and Developer Contact/Liaison, Notifications		24								\$2,040
	Final Walkthrough and Punchlist Development	2	4				\$300				\$830
	<b>Construction Services Subtotals</b>	<b>34</b>	<b>109</b>	<b>12</b>	<b>155</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$0</b>	<b>\$10,000</b>		<b>\$35,870</b>

Invoices will be provided Monthly

<i>Expenses (5%)</i>	<b>\$1,790</b>
<b>Construction Services Total</b>	<b>\$37,660</b>

**Project Subtotal** **\$72,765**



**Design and Construction Services Scope and Fee Summary**

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Task	Description	J&T Consulting				Sub-Consultants				DHM Design	Subtask Subtotal
		Project Manager	Project Engineer	Senior Designer	Engineer Designer	Surveying	Signal Timing & Design	Utility Potholing	QC Testing		
		Murray	Murray \ York	Yee	Stember Shaw Schum	American West	STS	NCC	Cesare		
		<i>rate</i>	\$95	\$85	\$75	\$65					

**Addendum No. 1**

<b>G</b>	<b>Landscape Design</b>									\$15,925	\$15,925
	<b>Additional Utility Potholing</b>							\$5,000			\$5,000
<b>Addendum No. 1 Subtotal</b>											<b>\$20,925</b>

**Project Total** **\$93,690**

**Addendum No. 2**

H	Construction Management (additional 12 weeks)										
	Field Observation		60		180					\$5,240	\$22,040
	Weekly Construction Progress Meetings (12)		18		18						\$2,700
	Quality Control Coordination and Testing Allowance	8	8						\$10,000		\$11,440
	Respond to Requests for Information										\$0
	Change Order Review, Approval, and Log										\$0
	Pay Application Review and Approval	8	8								\$1,440
	Business and Developer Contact/Liaison, Notifications		24								\$2,040
	Final Walkthrough and Punch list Development										\$0
<b>Construction Services Subtotals</b>		<b>16</b>	<b>118</b>	<b>0</b>	<b>198</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10000</b>	<b>5240</b>	<b>\$39,660</b>
<b>Expenses (5%)</b>											<b>\$1,980</b>
<b>Construction Services Total</b>											<b>\$41,640</b>

Invoices will be provided Monthly

**Project Total** **\$135,330**