EMBRACING INNOVATION IN PUBLIC PROCUREMENT:

A Case Study of Miami Innovation Academy Successes in Public Procurement

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Embracing Innovation in Public Procurement

Objectives:

- Understand the importance of innovation in the public procurement sector.
- 2. Appreciate the value of investing in your employee's capacity to see and solve problems in their workspace.
- Introduce best practices for scaling innovation capacity in your organization.



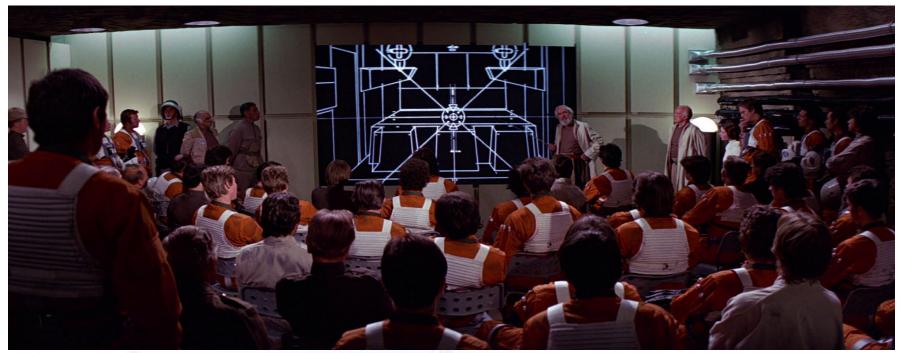
Embracing Innovation in Public Procurement

Agenda:

- Introduction to Miami Innovation Academy (MIA)
- Procurement Embraces Innovation
- Scaling an Organization's Innovation Capacity
- Questions & Answers



#RebelAlliance





PEOPLE. PROCESS. DATA. DIGITAL.





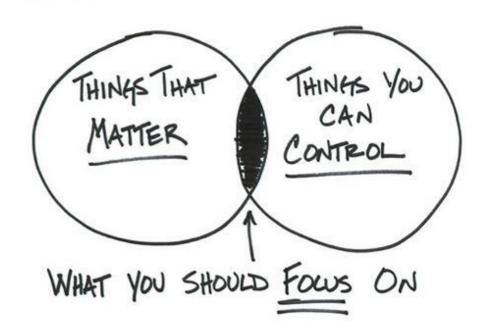
THEMES:

- Collaboration
- Creativity
- Human Experience
- Driving Impact
- Changing Lives











Structured Problem Solving:

- Frames the narrative
- Ensures consistency
- Grounds the problem
- Allows the organization to track progress



SEE IT

PROCESS MAPPING

- Allows you to see a process step-by-step
- Helps to deconstruct our work in order to attack problems

WASTE/VALUE IDENTIFICATION

Helps to target our focus

• Identify potential impact



SAY IT

ANCHORING INNOVATIONS WITH

METRICS

- Substantiates what we "SEE"
- Helps to further diagnose what's happening in the process
- Use to assess impact of innovations





SOLVE IT

6S - SORT, SET IN ORDER, SHINE, STANDARDIZE, SUSTAIN, SAFETY:

- Creates order in your work space
- Easiest place to start

STANDARD WORK:

- Reduces errors
- Improves processes

VISUAL MANAGEMENT:

Gamification and keeping score drives engagement





PROCUREMENT EMBRACES INNOVATION





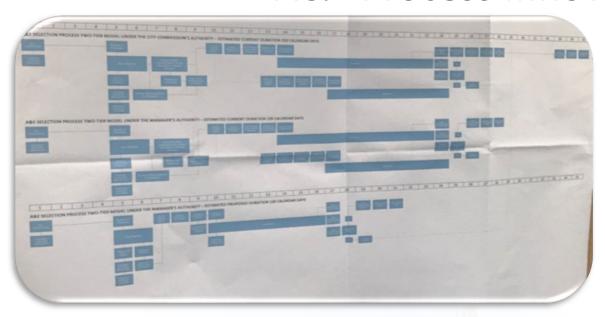


Challenges in the City's Procurement Department

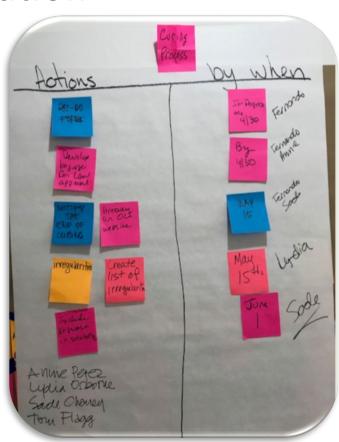
Procurement process for Architecture and Engineering (A&E) services takes too long:

- 1. Cures and Due Diligence
- 2. Incomplete scope of services
- 3. Exceptions to terms and conditions
- 4. Contract execution
- 5. Negotiations









CURES AND DUE DILLIGENCE:

Procurement decreased the number of forms submitted by Proposer from five (5) sections and twenty (20) forms down to four (4) sections and fourteen (14) forms providing both value to the customer and soft dollar savings. This innovation was implemented as of June 2018.

- High impact
- Low effort

Result: Time savings of 2 days per RFQ.



RFQ Requirements	Kimley-Horn & Associates		A&P Consulting Transportation Engineers		SRS Engineers	
	RFQ 16-17-025 (Pre-Innovation)	RFQ 17-18-026 (Post-Innovation)	RFQ 16-17-025 (Pre-Innovation)	RFQ 17-18-026 (Post-Innovation)	RFQ 16-17-025 (Pre-Innovation)	RFQ 17-18-026 (Post-Innovation)
Experience and Qualifications of Proposer						
References for Proposer			1			
Experience and Qualifications of Proposer's Team	1				1	
Experience and Qualifications of Project Manager				1		
References for Project Manager						
Experience and Qualifications of Other Key Personnel				1		
References for Other Key Personnel						
List of Sub-Consultants (Form C-1)						
Certificate of Compliance with City Code Section 18-87						
Business Tax Receipt/Occupational Licenses						
Other	2	1			1	1
TOTALS	3	1	1	2	2	1

Number of Cures	
Total Cures Pre-Innovation	6
Total Cures Post-Innovation	4
Decrease in Total Cures	2
% Decrease	-33%
Total Cure Time (Per RFQ)	
Total Cure Time Pre-Innovation	5

*Total Cure Time is determined by proposal with the highest number of cures.

Time Required per Cure (Business Days)	
1-2 Cures	4
3-5 Cures	5
5 or More Cures	7
cludes two (2) days for PCO to complete due diligence.	



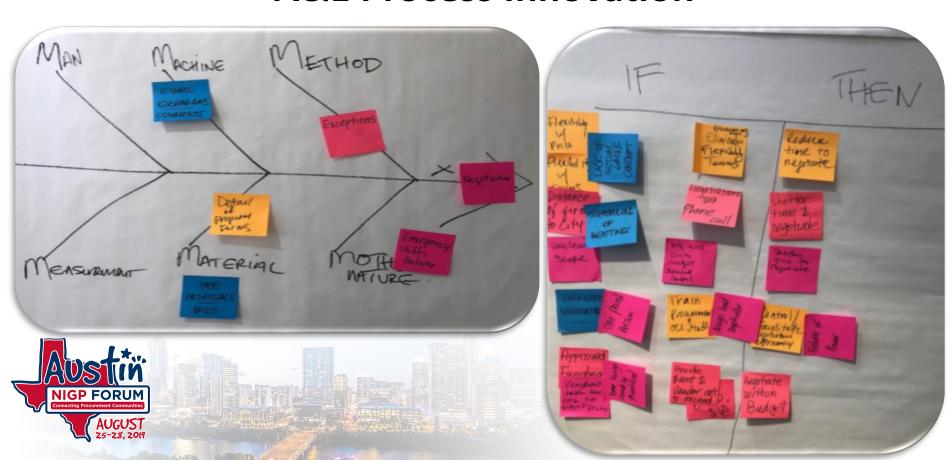
CURES AND DUE DILLIGENCE:

Procurement implemented the elimination of cures, effective May 6, 2019 which provides a soft dollar savings and a service level improvement.

- High impact
- High effort
- Major project

Result: Time savings of approximately a minimum of two (2) weeks in the due diligence review by Procurement staff.





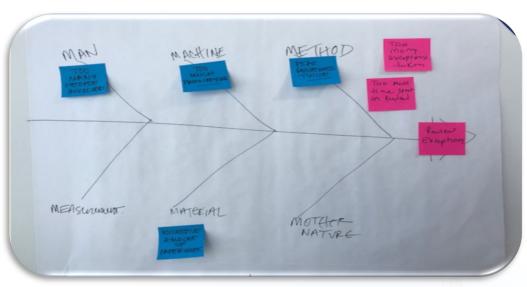
INCOMPLETE SCOPE OF SERVICES

Procurement developed a standard work and a check list for the client department to submit a thorough scope to eliminate the introduction and scope meeting during the negotiation process, providing a service level improvement and a soft dollar savings.

- High impact
- Low effort

Result: Time savings of two (2) weeks during negotiations.









EXCEPTIONS TO TERMS AND CONDITIONS:

Procurement now sends the draft contract to the successful proposer when the City Manager approves the request to negotiate. This provides a service level improvement and soft dollar savings by eliminating the first round of exceptions to the terms and conditions and the duplicative legal review of the contract.

- High impact
- Low effort

Result: Approximate time savings of a minimum of three (3) days in the due diligence review and allows the Office of the City Attorney more time to review other necessary items for our department.

Challenges in the City's Procurement Department

Manual management of contracts:

- 1. Blanket purchase order capacity tracking
- 2. Tracking of insurance and bond expiration dates
- 3. Tracking of contract expiration dates
- 4. Locating contract documents
- 5. Manual data analysis and reporting



CREATE A DIGITAL CONTRACT MANAGEMENT SYSTEM:

Procurement utilized the City's existing Oracle ERP system to fulfill its digital contract management needs to include, but not limited to:

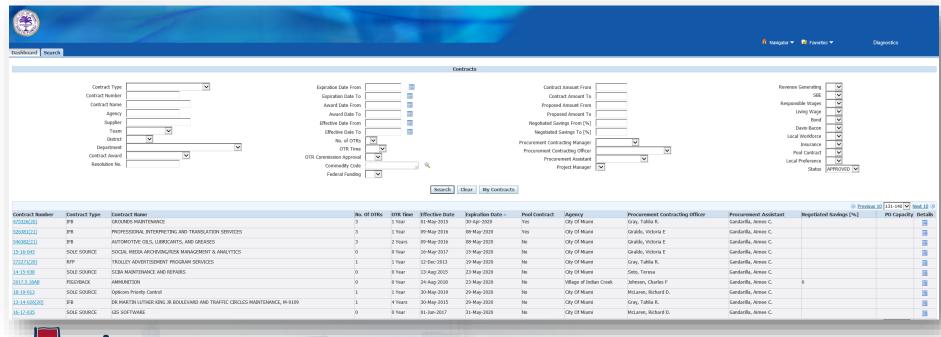
- **1.** Alert Procurement staff to take the appropriate action prior to the expiration dates of contract, certificate of insurance (COI), or bond.
- **2.** Alert vendors proactively before COI or bond expires before a purchase order is delayed due to an expired COI or bond and reduce the City's risk exposure.
- **3.** Track performance metrics and generate reports for data analysis based on various search criteria.
- **4.** Increase transparency with public access to the City's procurement contracts and all related documents in a single, easily searchable repository.

This will provide hard and soft dollar savings as well as value to the customers and service level improvements. This innovation was successfully completed as of July 1, 2019.

- High impact
- High effort
- Major project

Result: Procurement saved \$60,000 originally budgeted to purchase an off-the-shelf Contract Management software. Procurement reallocated the budgeted funds to purchase an electronic solicitation software.







Contracts								
	Contract Number							
Contract Number								
Contract Name								
Supplier								
	Department			*				
	Procurement Contracting Officer	7						
	Team	₹						
				_				
		Sea	arch Cle	ar				
							Previous 50 5	51-100 ▼ Next 50 ②
Contract Number	Contract Name	Contr	tract Type	Agency	Effective Date	Expiration Date	Procurement Contracting Officer	Team
14-15-001(A)	PURCHASE & DELIVERY STANDARD ISSUE WEAPON FOR POLICE DEPARTMENT			CITY OF MIAMI GARDENS	04-Nov-2014	04-Nov-2019	Giraldo, Victoria E (Victoria Giraldo @miamigov.com)	Goods & Services
616404(20)	FURNISH AND INSTALL FENCES AT VARIOUS CITY PARKS	IFB		City Of Miami	07-Nov-2016	06-Nov-2019	Soto, Teresa (TSoto@miamigov.com)	Goods & Services
631380(21)	GYM EQUIPMENT PREVENTIVE MAINTENANCE AND REPAIRS	IFB		City Of Miami	07-Nov-2016	06-Nov-2019	Giraldo, Victoria E (VictoriaGiraldo@miamigov.com)	Goods & Services
<u>685385(22)</u>	BISCAYNE BOULEVARD LANDSCAPING MAINTENANCE	IFB		City Of Miami	05-Nov-2017	06-Nov-2019	Gray, Tahlia R. (tgray@miamigov.com)	Goods & Services
348289(21)	POLICE LIEUTENANT EXAMINATION PROCESSES	RFP		City Of Miami	09-Nov-2013	08-Nov-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services
E-42-17(22)	MULCH	COOP	Р	Southeast FL Governmental Purchasing Coop	15-Nov-2017	14-Nov-2019	Gray, Tahlia R. (tgray@miamigov.com)	Goods & Services
371323(19)	MAINTENANCE AND REPAIRS OF EMERGENCY GENERATORS	RFQ		City Of Miami	21-Mar-2014	15-Nov-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services
371326(19)	BIO-HAZARDOUS WASTE AND SPILLS	IFB		City Of Miami	20-Nov-2014	19-Nov-2019	Giraldo, Victoria E (VictoriaGiraldo@miamigov.com)	Goods & Services
316283(21)	CHIEF FIRE OFFICER, CAPTAIN AND LIEUTENANT EXAMINATION PROCESSESS	RFP		City Of Miami	20-Nov-2013	19-Nov-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services
348322(21)	POLICE CAPTAIN AND SERGEANT EXAMINATION PROCESSES	RFP		City Of Miami	20-Nov-2013	19-Nov-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services
469352(19)	PURCHASE OF VACTOR TRUCK PARTS AND REPAIRS	IFB		City Of Miami	26-Nov-2014	25-Nov-2019	Giraldo, Victoria E (VictoriaGiraldo@miamigov.com)	Goods & Services
635380(22)	SCHEDULED AND EMERGENCY UNDERWATER VISUAL INSPECTION REPORTING/REPAIR	IFB		City Of Miami	28-Nov-2016	27-Nov-2019	Lima, Cristiane (CLima@miamigov.com)	Goods & Services
503340(20)	UNIFORMS CITYWIDE	IFB		City Of Miami	30-Nov-2015	29-Nov-2019	McLaren, Richard D. (RMcLaren@miamigov.com)	Goods & Services
505358(21)	PEST CONTROL SERVICES	IFB		City Of Miami	30-Nov-2015	29-Nov-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services
503341(20)	AIR CONDITIONING REPAIR AND MAINTENANCE SERVICES FOR VARIOUS CITY OF MIAMI POLICE DEPARTMENT FA			City Of Miami	30-Nov-2015	29-Nov-2019	Soto, Teresa (TSoto@miamigov.com)	Goods & Services
RESO95-803	MAINTENANCE & REPAIR SERVICES FOR METASYS	SOLE		City Of Miami	01-Dec-1995	30-Nov-2019	McLaren, Richard D. (RMcLaren@miamigov.com)	Goods & Services
<u>15-16-044(19)</u>	SCAVENGER 2000			City Of Miami	04-Dec-2016	03-Dec-2019	Gray, Tahlia R. (tgray@miamigov.com)	Goods & Services
RFP915-96-02	WEB CONTENT MANAGEMENT SYSTEM			City of Grand Rapids	27-Sep-2017	05-Dec-2019	McLaren, Richard D. (RMcLaren@miamigov.com)	Goods & Services
01-02-224(19)	ENERGY PERFORMANCE SAVINGS CONTRACTING SERVICES	RFQ		City Of Miami	07-Dec-2004	06-Dec-2019	Gray, Tahlia R. (tgray@miamigov.com)	Goods & Services
<u>274253(16)</u>	EMERGENCY DEBRIS REMOVAL AND DISPOSAL SERVICES	IFB		City Of Miami	22-Dec-2011	12-Dec-2019	Falcon, Eduardo J (efalcon@miamigov.com)	Goods & Services
501332(23)	SOUTHEAST FLORIDA GOVERNMENTAL PURCHASING COOPERATIVE TO SUPPLY LIQUID PETROLEUM GAS (LPG)	IFB		City Of Miami	14-Dec-2015	13-Dec-2019	Falcon, Eduardo J (efalcon@miamigov.com)	Goods & Services
11-12-018	STORMWATER PUMP STATIONS MAINTENANCE AND REPAIR	ITB		City Of Miami	12-Apr-2012	13-Dec-2019	Gray, Tahlia R. (tgray@miamigov.com)	Goods & Services
<u>472339(19)</u>	WASTE OIL AND NON-HAZARDOUS PETROLEUM IMPACTED PRODUCTS	IFB		City Of Miami	16-Dec-2014	15-Dec-2019	Lima, Cristiane (CLima@miamigov.com)	Goods & Services
<u>496326(20)</u>				Goods & Services				
<u>295279(19)</u>	SECURITY GUARD SERVICES	RFP		City Of Miami	22-Apr-2013	17-Dec-2019	Falcon, Eduardo J (efalcon@miamigov.com)	Goods & Services
<u>251230</u>	INTERNET-BASED TRAINING SYSTEM (FIRE-RESCUE)	RFP		City Of Miami	20-Dec-2016	19-Dec-2019	Johnson, Charles F (CJohnson@miamigov.com)	Goods & Services

Challenges in the City's Procurement Department

Prompt payment to vendors:

- 1. Duplicate vendor accounts in Oracle ERP system
- 2. W-9 forms needed to release payments to vendors
- 3. Postal mailing of paper payment checks to vendors



DUPLICATE VENDOR ACCOUNTS:

Procurement created standard work checklists and manuals for vendor creation within Oracle. This innovation provides both a value to the customer, service level improvements and soft dollar savings.

- High impact
- Low effort

Result: Two (2) week reduction in the amount of time to release payments to vendors. Procurement deactivated over 100 legacy duplicate vendor accounts.



Procurement implemented a mistake proof tool in the vendor creation portal within Oracle to prevent the future creation of duplicate vendor accounts within the system.

Supplier				
Requested By	Denise Rodriguez		Status	
Supplier Name	Crown Castle Fiber LLC		Supplier Numbe	er
FEID No	010570431		ss	N
Supplier Type	Supplier		Lindsey Numbe	er
	Reportable			
	□ Federal Income Ta	х Туре		
	State Organization	n Type		
Supplier Site	ote	E	×	
Address N 🥇	Exact Match:		Site Use	Site Tax Reporting
Address L	3/321-Lightower Fiber Ne	tworks II, LLC(010570431)	□Purchasing	□ Income Tax Reporting Site
Address L	Possible Matches:		□Pav	moomo rax responding one
Address L	23671-Crown Castle Sout	h LLC(742913900) tworks II,LLC(010570431)		
	37321-Lightower Fiber Ne	(WOIRS II, LLC(010370431)	77057 Countr	У
Supplier Co		(QK)		
			Supplier Notific	ation Method



W-9 FORMS NEEDED TO RELEASE PAYMENTS TO VENDORS:

Procurement developed a standard work checklist requiring a W9 to register as a vendor and to be issued a Purchase Order. This provides a service level improvement.

- High impact
- Low effort

Result: Two (2) day reduction in the amount of time to release the payments at time of invoicing.

W9 FORMS NEEDED / POSTAL MAILING OF PAYMENT CHECKS:

Executed a targeted email campaign to nudge all current vendors without W-9s on file to submit a W-9. The email also encouraged the setup of ACH Direct Deposit by vendors.

- High impact
- Low effort

Result: Procurement received and processed over 300 W-9s from legacy vendor accounts without a W-9 on file.



A highly visible nudge message on the vendor registration portal informs new vendors about the W-9 compliance requirements of the registration process.

•					
iSupplier Portal	Close Preferences				
Basic Information	Company Details				
Prospective Supplier Registration					
* Indicates required field	<u>C</u> ontinue				
Company Details					
At least one tax id is required to be able to complete the registration request. * Company Name * FEIN or SSN					
To complete your supplier registration, you must click here to download the W-9 form. Please complete, print, sign and email this form to the City of Miami Procurement Department, at PurchasingSupplierAdmins@miamigov.com					
PRIOR TO REGISTRATION, YOU MUST SUBMIT W9 DOCUMENTATION. YOUR APPLICATION WILL BE REJECTED I	F NO WA 12 RECEIVED MILLITU 1/2 HOOKS.				
Contact Finance Department: If your firm is interested in receiving payments via Direct Deposit (ACH), You can <u>click here</u> to complete the Direct Deposit (ACH) Authorization Form and return to the City of Miami, Finance Department, 444 S.W. 2nd Avenue, 6th Floor, Miami, FL 33130. The form may also be faxed at 305-400-5109 or emailed to: payables@miamigov.com.					
To ensure delivery of emails from the City of Miami, please place @miamigov.com in your Safe Sender List or Address Book.					



SIMPLIFY VENDOR REGISTRATION PROCESSES

The City's new website simplifies ACH Direct Deposit and submission of W-9 documentation during the vendor registration process which reduces rework, decreases postal mailing of checks, increases vendor utilization of services.

- High impact
- Low effort

Result: Up to a minimum of a one (1) week reduction in the amount of time a vendor will receive payment. Reduces returned checks due to incorrect address.

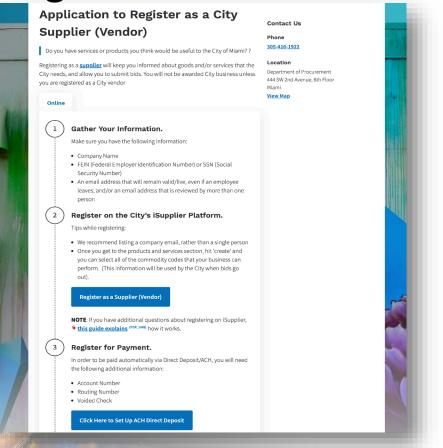


DIGITAL TRANSFORMATION OF PROCUREMENT PROCESSES

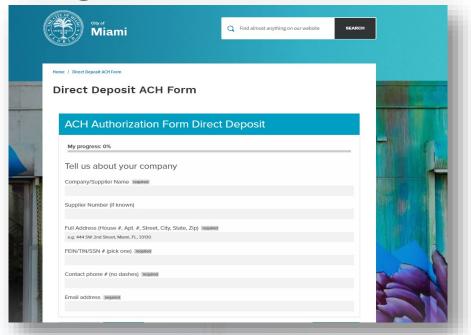




Vendor Registration Service Webforms



Vendor Registration Service Webforms





Challenges in the City's Procurement Department

Procurement Process Training:

- 1. Errors in Oracle system needs hands on troubleshooting
- 2. End User Department's Procurement Liaison turnover
- 3. Rework of processes explaining "how to..."



Procurement Process Training Innovation

INTERNAL TRAINING OF CITY STAFF:

Procurement implemented "Procurement Summer School", an internal City Procurement Liaisons classroom training program. Procurement utilizes Skype for Business for live troubleshooting. This provides a soft dollar savings and a service level improvements.

- High impact
- High effort

Result: A minimum of three (3) hour reduction every week in the amount of time of Procurement staff to troubleshoot issues and/or teach procurement processes to client department personnel.

Procurement Process Training Innovation HOW TO VIDEOS:

Procurement is currently developing a series of standard work videos for the public to learn processes such as how to register as a vendor, how to locate a solicitation, how to submit a bid/proposal, etc.

- High impact
- High effort
- Major Project

Result: A minimum of three (3) hours time reduction every week in the amount of time Procurement staff spends to explain how to complete a procurement process to external customers.

Challenges in the City's Procurement Department

Employee Performance:

- 1. Lack of tools
- 2. Lack of engagement
- 3. Lack of awareness
- 4. Lack of competition



Procurement Process Training Innovation

INNOVATION TRAINING:

Procurement has 100% of its staff, including its senior staff, trained with the tools from the MIA. Procurement invested in its staff's capacity to innovate daily.

- High Impact
- Low effort

Result: After 2.5 days of training, all the staff can now routinely S**EE IT, SAY IT** and **SOLVE IT** in their own workspaces. Staff can collaborate with their teams and other teams throughout the City on shared processes using a shared language and tool set.

Procurement Process Training Innovation

VISUAL MANAGEMENT:

Procurement utilizes visual management to engage staff to define and drive performance results. This assists the department in achieving annual departmental goals and objectives by making the team aware of performance metrics.

- High impact
- Low effort

Result: Procurement staff are aware of key performance metrics and how they are individually performing. Procurement leadership consistently engages the staff on performance with one-on-ones.

SCALING AN ORGANIZATION'S INNOVATION CAPACITY





INNOVATION SUCCESS STORIES

What do they all have in common?

- Supportive leadership
- Success happens in clusters
- Meet customer needs and employee needs



Waiting for Superman



2019 by INNOVATION COMMITMENT MATRIX ON EFFORT/HIGH IMPACT DONOVAN DAWSON
BUDGET HIGH EFFORT / HIGH IMPACT Tom Flagg Procure Faster turn around LYDIA MACIEKUA 4/19 0 Decreas on Budget hornings Improve Environmental Resources Eldys Diaz Riduce time IL N NAMES Receiving Police time for memo -Make our for cu applic. Process easier to wa -MANNY time Solving the Opinio PAPPLICANTS, contracts and reduce Residen 4/19/2018 EDDIE PROGREME Quatisha Quintoy LARA de Sous 4/9/18 Annie Perez HWOULDOT Planing Rashed I commit to working Parks Synthia Bowie TRAIN STAFF TO LilliAN Reduce time Am-Morie Andy Autenor Proviement souteward I COMMUNE Finance Dept Assist in stream. TROUBLE SHOOT in dilling Improve the profitee to IMPROVING H an process man DIAM PO. lining all Processes time depts. Permit Apply roe ow Red LINE Home VICTORIA Safety Training receive invoices ISSUES & save funds for नी प्रथा Cris Lima Reconditionsy-170. 4/19/18 ROJAS FOR GUAND 4/19/18 ProwremenT Finance Tutorial Video with solicitation Status. + 19 18 TO Vendors Reduce Approved time for JEs 4/18/18 HIGH EFFORT ILAN IMPACT LOW EFFOLT / LOW IMPACT GURINDER Yvette 311 MODICE PANNU Smith Finance Budget Victor Grant access Go Paperless benerate m bunday army Laiwan4/19/18 Abraham V. Zoning Dept TERRY FINANCE Joe Fiscaben 419, Would to Address issue Pluning creation - UDRB proces speed up. enco mage supplier to improvement. pay by ACH

"SOLVE IT" ACTIVITY: Create a Standard Work







QUESTIONS?

