City of Hollywood

Stormwater Program Management

RFQ-320-25-JJ

JULY 10, 2025













July 10, 2025

Attn: Hugo Davalos, Senior Project Manager City of Hollywood 1621 N.14th Ave Hollywood, FL 33020

Subject: RFQ-320-25-JJ Stormwater Program Management

Dear Members of the Selection Committee:

The City of Hollywood (City) is one of the world's most desirable places to visit, live, and work, but it is also one of the most vulnerable to the effects of climate change. The City currently faces an urgent and escalating threat of largescale flooding due to aging stormwater infrastructure, low-lying topography, and the increasing impacts of sea level rise, high tides, and more intense storm events. Understanding these challenges could result in serious social and economic impacts, such as property damage, business interruptions, and a reduced quality of life for residents, the City has taken a proactive approach by developing a well-planned stormwater master plan (SWMP) and is promptly moving into implementation to meet the community's needs. **CDM Smith Inc.** would like the opportunity to continue to partner with the City to implement and manage the Stormwater CIP Program—that aligns with the City's strategic goals and timelines—by providing full-spectrum program management and engineering services through the successful execution of projects under the SWMP.

CDM Smith is proud to have been the consultant of choice and Hollywood's trusted partner in building stormwater resilience. Our team brings unmatched program management expertise, deep technical proficiency combined with local institutional knowledge, and a proven record of delivering large-scale infrastructure solutions. We understand the urgency of the City's flooding challenges and are committed to a forward-thinking, community-focused approach that protects public health, supports economic vitality, and enhances quality of life.

More than just meeting deadlines and budgets, our comprehensive, digitally enabled, and outcome-driven strategy provides lasting, transformational results. With our proven partnership, the City gains not just a program manager—but a dedicated ally in creating a safer, stronger, and more sustainable future for the City of Hollywood and your residents.

I am authorized to make representations on behalf of CDM Smith and have included a certificate of signing authority on the following page. If you have any questions regarding this submittal, please contact me at 561.571.3756 or mechlerse@cdmsmith.com.

Our program management approach is efficient and flexible and designed to deliver early results. Together, we'll navigate complexity with confidence and create lasting value for the City of Hollywood.

Sincerely,

Suzanne Mechler, PE | Vice President | CDM Smith

7 Much

THE CDM SMITH ADVANTAGE

- **Excellence Delivered:** Our track record on the SWMP is clear: every deadline was met, and the Citywide work was well received by Department staff and the Commission.
- Starting Ahead of the Curve: Our recent collaboration with the City has fostered our unmatched insight into the Program and will allow an efficient, fast start demonstrating early progress and success.
- Extension of Staff: Our co-location with City staff and pre-existing relationships will accelerate program delivery.
- Minimal Impact to City Staff: We know how to navigate the City's processes to deliver the Program with minimal impact to overloaded City staff.
- Manage Interim Projects/CIP Delivery: We will apply strong institutional knowledge of the SWMP to optimize the planning. scheduling, and execution of work.
- Digital Decision-Making Tools: We will utilize artificial intelligence, machine learning, and program controls data visualization to plan, track, and manage deliverables and project milestones.
- Community Outreach and Awareness: Our approach advances our successful outreach strategies, and proven results that provide the greatest probability of keeping the public informed while mitigating community impact.
- Leverage Experts When Needed: We will draw upon our expansive, established network of multidisciplinary experts who can deliver across your entire Program.



CERTIFICATE

I, Paul T. Milligan, Secretary of CDM Smith Inc., a Massachusetts corporation, do hereby certify that Suzanne Mechler holds the role of Client Service Leader, which entitles Ms. Mechler to execute and deliver proposals, contracts and agreements for the performance of professional services in the name and on behalf of CDM Smith Inc. Further, consistent with the firm's signing authority policies and procedures, Ms. Mechler has been delegated the authority to execute and deliver proposals, contracts and agreements for the performance of professional services specifically for the Stormwater Program Management project in Hollywood, Florida.

I further certify that the foregoing is consistent with the Contract Signing Authority Policy and with the By-laws of the said corporation.

IN WITNESS WHEREOF, I have executed this certificate and have caused the corporate seal of CDM Smith Inc. to be hereunder affixed on this 3rd day of July 2025.

Paul T. Milligan- Secretary of the Corporation



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TAB A

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Executive Summary



With an unparalleled understanding of your infrastructure and direct experience developing the SWMP model, our team offers proven technical excellence, adaptability, and innovation. The same SWMP experts—**Jon Goldman, Tom Nye,**

and **Mike Schmidt**—will be there for you. This continuity, combined with our regional expertise, enables us to anticipate challenges, streamline implementation, and serve as a trusted partner—delivering solutions efficiently, precisely, and with confidence.





Firm Qualifications and Experience:

management and stormwater innovation.

Program Delivery

40+ active programs and \$17B of infrastructure managed under our programs

Full-Service Team

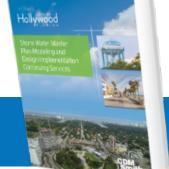
Local team of project managers, construction managers, and stormwater experts

Localized Expertise

We did the City's SWMP, as well as for many other similar communities and airports in South Florida

Digital Water Tools

Our controls and tools enhance transparency, improve decision-making, and deliver accountability



CDM Smith's unmatched expertise in the City's stormwater systems sets the stage for a highly effective program.

Business Entity: CDM Smith Inc. is a corporation registered in the State of Massachusetts.

Background: Founded in 1947, CDM Smith is a global, employee owned engineering and construction firm that provides innovative solutions in the areas of water, environment, transportation, energy, and facilities. We offer a full range of services including consulting, design, construction, and program management.

Main Office: Boston, MA

Office Location to Serve this Contract: 621 NW 53rd Street, Suite 265, Boca Raton, FL T: 561.571.3800; F: 561.241.7084 **Contact Person**: Suzanne Mechler, PE, BCEE; Vice President:

E: mechlerse@cdmsmith.com; C: 561.339.3933

CDM Smith

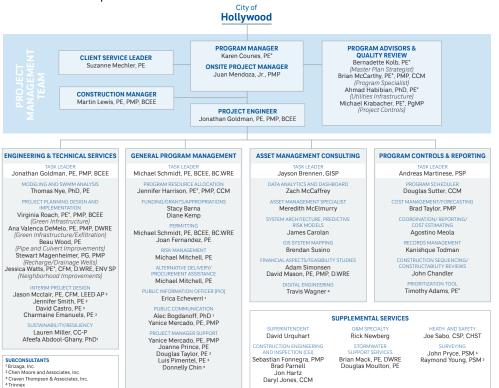


EVALUATION Organizational Profile and Project Team Qualifications: Our agile, diverse team will seamlessly integrate with City staff, adapting to evolving Program needs from design through construction—delivering trusted, responsive owner's representation.

* PE in State other than Florida

Breadth and Depth of Expertise - Great shared past experience will deliver comprehensive approach to effectively manage the City's stormwater

- Karen Counes and Juan Mendoza recently collaborated on the \$1.6B Genera Program to restore operational capacity and improve the power generation system in Puerto Rico.
- Jon Goldman, Mike Schmidt, Tom Nye, and Suzanne Mechler were the primary authors of the Stormwater Master Plan for the City of Hollywood.
- Bernadette Kolb, technical water resources specialist for the firm, daughter of the late County Commissioner Anne Kolb (namesake for Hollywood's coastal mangrove wetland nature center), continues to bring her master planning and environmental engineering experience with strategic technical reviews, sustainability perspective, and a deep-rooted concern for the environmental resiliency of her home town.
- Our team includes four specialty support firms with recent and relevant stormwater infrastructure experience.



PROGRAM MANAGER Karen Counes, PE

- Seasoned program manager with 28 years of focused program experience
- Locally based in Boca Raton she will regularly meet with the City and maintain close contact with the Program team
- Leadership on seven programs totaling \$7B in constructed costs
- Expertise in leading decision-making, technical reviews, and program quality

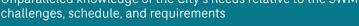
ONSITE PROJECT MANAGER Juan Mendoza, Jr., PMP

- Senior professional with 25 years of expertise in program, project, and construction management
- Participation on seven programs totaling \$100B in constructed costs
- Certified PMP with expertise in risk management, client communication, and adherence to quality procedures

PROJECT ENGINEER Jon Goldman, PE, PMP, BCEE

- Trusted project engineer with 37 years of local coastal stormwater plans and programs
- Strong track record across South Florida-includes stormwater planning and implementation for the cities of Hollywood, Miami, and Fort Lauderdale
- Unparalleled knowledge of the City's needs relative to the SWMP challenges, schedule, and requirements





EVALUATION Approach and Methodology: Our approach retains continuity CRITERIA 3 between the Stormwater Master Plan and the Stormwater Program resulting in increased efficiencies, streamlined coordination, and stronger alignment across planning, implementation, and funding.

Our 2-step City-wide Strategy is designed to help meet Hollywood's flood mitigation goals



INTERIM PROJECTS \$100K -\$4M

LARGE CAPITAL PROJECTS \$25-40M



- Smaller jobs that fix key problem spots now
- Funded by current fees
- Full system upgrades by area
- Funded by future bonds, grants, or loans



Continuity: Continued involvement of key individuals from your SWMP provides efficiencies and a seamless transition to the new Program contract.



Extensive System Knowledge: We have a strong understanding of the challenges posed by extreme rainfall, tidal surges, sea level rise, and water quality. We also recognize the constraints of flat topography—factors that inform our cost-effective and efficient implementation strategies.



Robust Program Controls: Thoughtful development and consistent application of the Program's Program Management Plan will deliver alignment across all phases. Our integrated program control dashboards will enhance transparency.



Tailored to Your Needs: We've consistently demonstrated to the City our ability to adapt to changes in funding availability, staffing levels, and evolving regulatory requirements—while still achieving program objectives.



Community Focus: We will deliver lasting benefits to the community by providing a transparent, cost-effective path to resiliency, enhanced access to funding, and project selection based on community impact and implementation readiness.



Digital Solutions: We will leverage technology across the Program to drive efficiency, visualize performance, enhance community engagement, and support data-driven decision-making.

We understand the urgency of the City's flooding challenges and are committed to implementing our detailed, proactive, SWMP as a dedicated ally with local knowledge of the system's performance, a proven team, and a strong commitment to public safety and quality of life.



EVALUATION Past Performance -CRITERIA 4 References: With the

program and technical expertise needed to achieve the City's goals, we will bring complexity under control.



- \$1B program /embedded staff manage 15 consultants and 12 contractors
- Program and construction management
- Includes public outreach and asset management



Clean Water Nashville, Nashville, TN

- \$2.7B program/embedded staff manage 10 consultants and 13 contractors
- Program design and construction management
- 129 projects to date
- Includes public outreach and asset management



Clean Water Project, Hartford, CT

- \$2.5B program/embedded staff manage 25+ consultants and 35+ contractors
- Program, design, and construction management
 - 100 CIP projects delivered to date



Value of Past

Contract Awards by the City in the last 5-years Capacity and Availability

In the last five years, CDM Smith has been awarded \$4,020,238 in project fees for the City's Stormwater Master Plan and continuing consulting services.



Location of Office Managing Project: Local Leadership Located Close to the City and Project Sites

Just as we did for the SWMP, CDM Smith will manage the Program from our Boca Raton office — 30 minutes away from the City's offices and facilities, but with the added value of our Onsite Project Manager who will sit in the City's office.

Manchester, NH Asset Management Task Leader Jayson Brennen Fairfax, VA Program Controls and Reporting Task Leader Andreas Martinese

Hollywood

Jacksonville, FL

General Program Management
Task Leader Mike Schmidt

Vero Beach, FL

Construction Manager Martin Lewis

Boca Raton, FL

Client Service Leader Suzanne Mechler

Program Manager Karen Counes

Project Engineer Jon Goldman

Modeling and SWMM Analysis Thomas Nye

Fort Lauderdale, FL

Public Information Officer (PIO) Erica Echeverri

City Office Hollywood, FL

Onsite Project Manager Juan Mendoza



Our team will:

Optimize each project

to get the most bang for the buck on flooding reduction while keeping costs low, incorporating innovative ideas such as the recapture the swales program and the pervious pavement alleyways.

Mitigate the risk by

leveraging tools for program tracking, asset inventory, and construction oversight but, most importantly, leveraging our strong project managers to oversee each project through planning, design, permitting, and construction.

Accelerate program

schedule by immediately executing the interim and R&R projects with local staff familiar with the details and requirements of each project and a local firm, Chen Moore, to execute.

Tab C: Firm Qualifications and Experience



TAB C

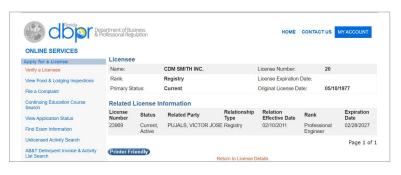
Firm Qualifications and Experience

Minimum Qualifications

CDM Smith is an employee-owned corporation with 78 years of experience delivering services aligned with the scope of this solicitation. We have operated under our current name in the State of Florida since 1974, consistently providing high-quality solutions tailored to our clients' needs.

Firm and Qualifier License

CDM Smith is certified to practice engineering under the State of Florida Department of Business. Our Professional Regulation License is shown below. Staff licenses are included at the end of **Tab C.**





Address and Representative Contact Information

Suzanne Mechler | Client Service Leader 621 NW 53rd Street Suite 265 Boca Raton, FL 33487

Email: mechlerse@cdmsmith.com

Phone: 561.571.3756; Cell: 561.339.3933

400+ Pipeline Projects in the Southeast in Last Decade Developed stormwater solutions that have saved clients

\$385M+

established in 1947

INCORPORATED IN 1970

CDM SMITH
WORLD
HEADQUARTERS
Boston, MA

\$1.6B 2024 ANNUAL REVENUE 6,000+
EMPLOYEES
with
450+
STAFF IN FLORIDA



200+ Pump Station Projects in the Southeast Alone We bring
cutting-edge stormwater
system solutions, innovative
planning, and understanding
of the intricacies of program
management to secure
the long-term viability
of Hollywood's
stormwater system
planned projects.

4th
of Top 20 in Both
Sanitary/Storm
Sewers and
Transmission Lines
(Engineering News
Record 2022)

\$1.2B
of Pipeline Design/
Construction
in Last Decade

22nd
of Top 500
Design Firms
(Engineering News Record 2025)

CDM Smith

Program Management Experience

Program management has long been a cornerstone of CDM Smith's core services. Unlike many traditional engineering firms, we also operate as a general contractor and are widely recognized as a leading designer and program/construction manager.

By leveraging our deep expertise across planning, design, construction, GIS, asset management, and digital solutions, CDM Smith will deliver comprehensive support—from day-to-day details and site-specific design to construction coordination, cost estimating, and program oversight.

Our position as a trusted advisor and full-service program manager is demonstrated by the selection of CDM Smith for some of the country's most critical and ambitious capital programs including for the cities of Columbia, SC (\$1B); Nashville, TN (\$2.7B); Hartford, CT (\$2.5B); Honolulu, HI (\$5.3B); as well as ALCOSAN, Pittsburgh, PA (\$3.6B); and Lee County, FL (\$80M).

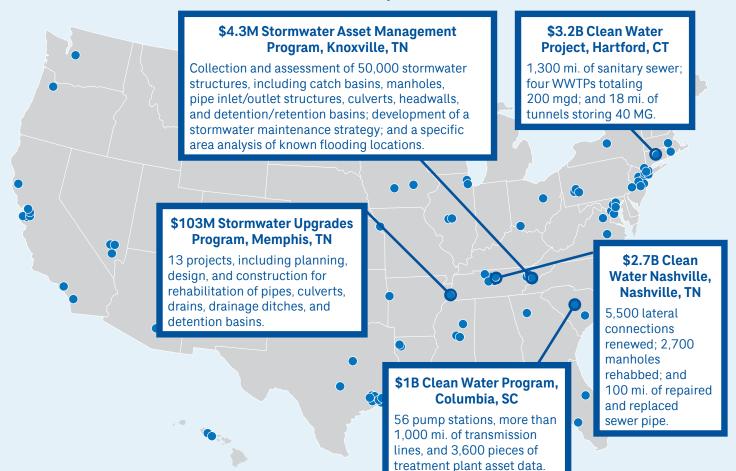
\$17B

infrastructure managed under our program/ construction management programs **40+** active programs

20+
programs overseeing
alternative delivery
in the last five years

53 years of providing program management services

CDM Smith is an industry leader in program management with over \$30 billion in the last five years



Local Stormwater Design Expertise

As was done for the Hollywood SWMP, we will leverage our extensive knowledge of Florida stormwater issues and solutions along with the latest technical tools and hands-on experience to oversee the development of cost-effective stormwater improvements that balance client goals (such as flood prevention, groundwater recharge, wetland preservation, and water quality protection), and compliance with state-mandated programs with future needs. We are experts in ongoing stormwater issues in South Florida and more specifically in Hollywood, such as flooding and emerging state and federal water quality regulations, and will work with the City in address these issues as we work to convert the vision of the SWMP into cost-effective designs.





STA 5/6 Connection to Lake Okeechobee - Phase 1 South Florida Water Management District (SFWMD), FL

New 300 cfs G-773 pump station, 4-mile canal improvements, and widening and deepening an existing spreader swale to convey 300 cfs; project includes boat ramps and stilling wells, replace existing G-360B, adding a new single lane bridge, and other improvements.



Leu Gardens and Colonial Town Stormwater Improvement Design and Construction Services, City of Orlando, FL

Engineering and construction engineering inspection services for the first of three phases of this project to alleviate flooding in multiple problem areas of the City that have experienced chronic flooding for years. This includes utility replacement and rehabilitation work within built-out neighborhood and commercial areas.



Bayside and Oceanside Improvements of SR5/ US1 Overseas Highway, City of Key Largo, FL

Design, permitting, and construction administration services for 12 subdivision roadways. Our team evaluated the subdivision roads and designed the appropriate rehabilitation method and associated drainage improvements. In keeping with context sensitive design, we tailored the governing design criteria which eliminated the need to widen three of these roads.

Data Management is a Foundational Component for Program Success

A well-thought out, scalable data management solution sets up a program for success. CDM Smith knows this firsthand because we have built high performance data management solutions for the most successful large programs in the country, which have helped to streamline processes and promote accuracy.

We understand the City's GIS environment is based on the Esri GIS platform. We offer the City a technology-driven process and series of tools and innovations that will not only support the program, but also long-term maintenance of the City's stormwater assets. Our experience in implementing digital solutions is nation-wide. Key areas of focus for us include:

- Artificial Intelligence (AI) and Machine Learning Solutions Beyond descriptive analysis and data visualization, advancements in analytical techniques will support planning, engineering, design, and documentation of utilities.
- Data Management Planning Develop program data management strategies that clearly outline program data flow from planning to design, construction, documentation, and operation.
- **Technology Implementation** Implement digital solutions to manage the lifecycle of the Program. We also put a strong focus on integration of existing City solutions (GIS, CMMS, etc.) to drive a higher value.
- Integrated Digital Dashboard Solutions We specialize in the implementation of business intelligence dashboard and data solutions to track program progress, increase efficiency, and report effectively.

Web and Mobile Solutions - We have 30 years of experience designing and implementing integrated web and mobile solutions to support mobile data collection, inspections, construction management, and public engagement.

Transformation Dashboard Solutions by Trinnex

Given the movement from descriptive to predictive, CDM Smith chose to consolidate our resources into a single entity to provide our clients with industry-leading focus in achieving their digital transformations by creating Trinnex.

Trinnex is a technology consultancy focused on delivering digital strategy, innovation, and solutions. Since Trinnex is a wholly-owned subsidiary of CDM Smith, its expertise in developing advanced data analytics solutions is infused with engineering domain knowledge and experience. From asset performance and capital planning to digital twin design and machine learning, CDM Smith and Trinnex help infrastructure owners put digital strategies into motion by leveraging data to turn information into insights, fueled through advanced data solutions. We have the holistic experience necessary to help you achieve deeper insights, defensible decision-making, and a more empowered organization. Combined, CDM Smith and Trinnex have over 200 application developers, management consultants, data scientists, and information and asset management specialists with vast experience implementing advanced data solutions, managing adoption, and integrating them with existing infrastructure.



Successful Data Management Solution

For the City of Columbia, SC, CDM Smith implemented an integrated data management solution to track the lifecycle of their CleanWater 2020 Program. As part of this effort, we designed a citywide data architecture and leveraged a combination of Esri, Cityworks, and Microsoft Power BI to build out the digital environment.



The final solution includes a library of Microsoft Power BI and Esri-based applications that provide seamless access to financial, operational, modeling, GIS, and asset management data. Dashboards enable the City to measure performance, GIS tools integrate with CCTV and condition assessment data to inform operations, and financial tools track the program's fiscal performance. The project team uses these tools daily to help operate the utilities more efficiently. Next up are AI tools to help predict future utility failures and support smarter utility management.

Esri ArcGIS Implementation Experts

GIS will play a significant role in this program, with the understanding that the City's GIS environment is built on Esri software solutions. CDM Smith has been implementing GIS-based solutions for over 40 years and is one of Esri's oldest and most trusted business partners. Over that time, we have delivered hundreds of enterprise-wide GIS environments with a strong focus on utilities. Our staff includes experts in GIS, asset management, utilities, and data integration who will work closely with the City.

Project Management Information System (PMIS) Integration

CDM Smith often leverages program management software to support programs like the City's. We have successfully integrated commercial program management information systems into broader data management and reporting. We have experience with many PMIS tools, including e-Builder, Unifier, ProCore, and Kahua.

Business Intelligence Dashboard, Web, and Mobile Tools

We excel at implementing business intelligence dashboards, as well as web and mobile solutions to support program management. Over the years, we have delivered hundreds of these solutions for our utility clients, leveraging technologies such as Esri's Experience Builder and Dashboard, Microsoft Power BI, and Tableau. We work closely with our clients to develop integrated tools that support efficient program execution.

Expertise in the Development and Use of Program Controls

Program controls are critical to streamline processes and bring efficiency for best value. With different contractors performing public- and private-side replacements, it's critical to track and communicate scheduled activities such as permits, customer notifications and touchpoints, signed contracts, and replacements all in one place to avoid duplicating work by inspectors, frustrating customers with uncoordinated work processes, and keeping the disturbance impact to homeowners to a minimum.

Implementing and delivering successful programs relies on addressing not only critical, but multiple program elements, and implementing adaptable, proven program controls strategies. By building on the City's existing processes and controls, we will bring the strength of our nationwide expertise to enhance program performance and accelerate implementation.

Program Manager Karen Counes, supported by our **Program Controls Lead Andreas Martinese** and his team, will collaborate with the City to identify and develop effective program control tools.



One of the most challenging aspects of a program is the management of data and making sure that records are updated and accurate. We have

developed customized dashboards and exportable reports for tracking and reporting project execution and asset infrastructure upgrades. This

experience was leveraged recently for the Newark Lead Service Line Replacement Program in which a tailored joint CDM Smith/ Trinnex solution with real-time, self-service access to the dashboard. Anyone with access can track program progress by date, contractor, or neighborhood



CDM Smith maintains a functionality matrix of market-leading software we can leverage to quickly understand which software solution would be the best fit for City of Hollywood.

Program Management	Information	System	Functionality	Matrix
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Function Program Level Rollup	Description Ability to roll-up and track financials, schedule, tasks, etc. at program level	Sofware A		Software B		Software C		Software D	
			5		10		9		10
Contract Management	Includes contracts, change orders, invoicing		6		9		8		8
Cost Management	Includes funding and budget via cost sheet	0							
Document Management	Version control, check-in, check-out, audit history		8		7		6		6
Schedule Management	Capability of base schedule tool (good = P6, medium = MS Project, low = built-in)	0	6		6		8		9
Bid Management	Capabile of issuing solicitations and receiving bids		7		9		8		7
Service Management	Process service quotes, issue work orders, perform inventory management	0	5		9		5		4
Work Flows	Ability to customize work flows, issue notifications, track tasks, etc.		10		8		9		8
Reporting	Custom and ad hoc reporting by users		8		7		5		8
Dashboard	Fully integrated roll-up capabilities, customizeable by users	0	5		4		7		7
Schedule Integration	Ability to integrate with external CPM schedule tools (push and pull)		8		7		8		9
"What-if" Analysis	Ability to prioritize future projects for authorization (pre-planning)	•	0		9	•	8	0	5
Bid Comparison	Evalute vendor bids submitted through the software	0	6		6		9		8
Accounting Integration	Ability to integrate with enterprise accounting systems (SAP, Oracle)		6		7		9		8
Data Management	Ability to manage data externally via data store/warehouse	0	3		7	•	2	0	6
Vendor Support	User support by vendor		8		7	0	5	0	3
Configuration Control	Ability to configure using CDMS staff, no programming required		7	0	5	•	7	•	10
Low Code Options	Admin has ability to insert code into processes/applications	•	0	0	3		3		5
Cost of Ownership	Total cost of ownership including licenses fees, ongoing config, etc.	0	4	0	6	0	5		7
Timeline to Implement	Ability to obtain licenses, utlize pre-configured go-bys and go live		9		8		7		6