AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT	1. Contract Number	Page of Pages	
	CFOPD-20-C-015B	1	11

2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption
Modification 4	See 16 C below		Staff Augmentation Services

6. Issued by: Code	7. Administered by (If other than line 6)
Office of the Chief Financial Officer Office of Contracts 1100 4th Street, S.W. Suite E610 Washington, D.C. 20024	

8. Name and Address of Contractor (No. street, city, county, state and zip code)		9A. Amendment of Solicitation No.
		9B. Dated (See Item 11)
Tantus Technologies, Inc. 1735 North Lynn Street, Suite 650 Arlington, VA 22209 Buck Keswani, CEO	X	10A. Modification of Contract/Order No. CFOPD-20-C-015B
Code Facility		10B. Dated (See Item 13) 2/25/2020

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

X	A. This change order is issued pursuant to (Specify Authority): Section F .2 of the contract. The changes set forth in Item 14 are made in the contract/order no. in item 10A.
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the DC Financial Responsibility and Management Assistance Authority.
	C. This supplemental agreement is entered into pursuant to authority of:
	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return one (1) copy to the issuing office.

14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

The District intends to achieve the following with Modification #4:

A. Section B.6 (Price Schedule) is revised to include additional CLIN's as described in Attachment A.

B. Section C.4 (Requirements) is revised to include additional requirements as described in Attachment B.

C. All other Terms and Conditions remain unchanged.

Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer	
Raj Nair, Vice President		Dorothy Whisler Fortune, Esq., CPPO, Drakus Wiggins, CPPB, CPPO or Anthony A. Stover, CPPO	
15B. Name of Contractor (Signature of person authorized to sign)	15C. Date Signed 09/16/2021	16B. District of Columbia (Signature of Contracting Officer)	16C. Date Signed Sept 16, 2021

Attachment A

B.6.2 Option Year One

Contract Line Item No. (CLIN)	Item Description	Unit	Firm Fixed Unit Price
149	Oracle Application/EPM Developer Sr.	Hourly	$177.88
150	.NET Developer Senior	Hourly	$158.17
151	Program & Procurement Support Specialist	Hourly	$117.79
152	IT Budget Report Specialist	Hourly	$127.40
153	IT Report Specialist	Hourly	$126.40
154	Oracle Integrator specialist	Hourly	$158.65

B.6.3 Option Year Two

Contract Line Item No. (CLIN)	Item Description	Unit	Firm Fixed Unit Price
249	Oracle Application/EPM Developer Sr.	Hourly	$183.22
250	.NET Developer Senior	Hourly	$162.92
251	Program & Procurement Support Specialist	Hourly	$121.32
252	IT Budget Report Specialist	Hourly	$131.23
253	IT Report Specialist	Hourly	$129.94
254	Oracle Integrator specialist	Hourly	163.41

B.6.4 Option Year Three

Contract Line Item No. (CLIN)	Item Description	Unit	Firm Fixed Unit Price
349	Oracle Application/EPM Developer Sr.	Hourly	$188.71
350	.NET Developer Senior	Hourly	$167.81
351	Program & Procurement Support Specialist	Hourly	$124.96
352	IT Budget Report Specialist	Hourly	$135.16
353	IT Report Specialist	Hourly	$133.84
354	Oracle Integrator specialist	Hourly	$168.32

B.6.5 Option Year Four

Contract Line Item No. (CLIN)	Item Description	Unit	Firm Fixed Unit Price
449	Oracle Application/EPM Developer Sr.	Hourly	$194.37
450	.NET Developer Senior	Hourly	$172.84
451	Program & Procurement Support Specialist	Hourly	$128.71
452	IT Budget Report Specialist	Hourly	$139.22
453	IT Report Specialist	Hourly	$137.85
454	Oracle Integrator specialist	Hourly	$173.37

Attachment B

1. **DELETE** Section C.4.1 in its entirety and **REPLACE** with the following**:**

C.4.1 The Contractor is responsible for providing the required personnel to fulfill the contract requirements and shall provide replacement personnel as necessary as needed by the District. The replacement personnel shall meet or exceed the qualification described in Section C. The District reserves the right to approve replacement personnel**.**

The IT Support Services personnel include the following positions:

Positions	**IT Support Services**
A	Program Manager
B	Project Manager – Oracle
C	Project Manager – Organizational Change Management
D	Project Manager – Treasury Management System
E	Project Manager
F	Oracle Solution Architect – Functional
G	Oracle Solution Architect – Technical
H	Oracle Functional Project Lead
I	Oracle Technical Project Lead
J	Software Testing Lead
K	Software Testing Analyst*
L	Software Testing Automation Engineer
M	Oracle Application Developer Sr.
N	Oracle Application Developer Sr.
O	Oracle Application Developer Sr.
P	Oracle ERP Business Analyst Sr.
Q	Oracle ERP Business Analyst Sr.
R	Oracle ERP Business Analyst Sr.
S	Oracle ERP Business Analyst Sr.
T	Oracle ERP Business Analyst Sr.
U	Oracle ERP Business Analyst Sr.
V	Oracle ERP Business Analyst Sr.
W	Oracle Middleware Developer Sr.
X	Oracle Application DBA Sr
Y	Organizational Change Management Lead
Z	Organizational Change Management Analyst
AA	Oracle Governance Risk and Compliance Analyst
AB	Treasury Business Analyst Sr.
AC	.Net Programmer Jr.
AD	Business Analyst Jr.

AE	Project Coordinator Jr.
AF	Database Administrator Sr. (SQL Server)
AG	Senior Data Architect
AH	Oracle Application Developer Sr.
AI	Oracle Application Developer Sr.
AJ	Oracle Application Developer Sr.
AK	Business Process Reengineering Analyst
AL	Business Process Reengineering Analyst
AM	Business Process Reengineering Analyst
AO	Organizational Alignment Business Analyst
AP	Oracle Fusion Senior Report Developer
AQ	Oracle Fusion Senior Report Developer
AR	Oracle Fusion Senior Report Developer
AS	Software Engineer – Machine Learning
AT	Cloud and Enterprise Infrastructure Architect
AU	Software Engineer -Test Automation and RPA
AV	Project Manager
AW	Project Manager
AX	Oracle Application/EPM Developer Sr.
AY	.NET Developer Senior
AZ	Program & Procurement Support Specialist
BA	IT Budget Report Specialist
BB	IT Report Specialist
BC	Oracle Integrator specialist

C.4.34 Oracle Application/EPM Developer Sr.: The contractor shall provide an Oracle Application Application/EPM Developer Sr. (Position AX) as defined in the section:

C.4.34.1 Position Description: The contractor personnel shall perform the following duties and responsibilities:

a. Analyze, design, develop, EPM cloud reports using Narrative reporting, management reporting along with the packages and doclets.
b. Analyze, design, and develop EPM Financial Reports, SmartView using custom as well as standard EPM cloud applications.
c. Experience designing and developing dashboards, infolets, for executive management using best practices for EPM cloud.
d. Experience designing reports using Financial close and consolidation modules data and narrative reporting for annual financial reports.
e. Analyze, design, and develop planning application using EPM cloud, EPBCS, including various modules like financials, workforce, projects.
f. Design, develop, and deploy EPM Planning forms, associated components including dimensional design, Planning workflows, navigation, approvals.
g. Design and develop business rules, including Groovy rules for financials, workforce, projects, and custom cubes.

h. Design, develop, and support data integrations using data management, data exchange, and loading data for EPM cloud as well as integration with ERP GL and PPM modules.
i. Analyze, debug, and interact with Oracle Support to resolve issues related to Oracle Planning environment and development issues.
j. Provide on-going support to throughout the SDLC process including development and maintenance of Oracle planning artifacts.
k. Assess the impact of potential changes and implement solutions to mitigate negative outcomes.

C.4.34.2 Qualifications: The Contractor's personnel shall, at minimum, have the following qualifications:

EXPERIENCE:

a. Functional professional experience with 5+ large Hyperion, EPM Cloud, Oracle Planning implementations at the State/Local or Federal level.
b. Minimum (10) years of technical experience with Oracle Hyperion, EPM cloud, EPBCS, Narrative reporting including management reports, doclets, packages, and books.
c. Minimum (10) years' experience developing reports, Dashboards, Infolets, SmartView analysis, and Financial reports with EPM cloud and/or EPBCS planning applications.
d. Minimum (6) years' experience working with Financial close and consolidation module and Narrative reporting for developing annual financial reports.
e. Minimum (6) years of technical experience with Oracle Hyperion, EPM cloud, EPBCS developing planning forms, business rules, Groovy Rules, utilizing RESTAPI, and EPM Automate.
f. Minimum (6) years' experience with FDMEE, data integration, loading data to EPM cloud, and integrating with ERP cloud and PeopleSoft applications.
g. Minimum (6) years' experience developing and supporting Oracle EPM cloud, EPBCS, financials, workforce, and project modules for Federal, state/local budgeting entities.
h. Experience implementing one or more of Oracle Hyperion/Planning and Budgeting Cloud modules, EPM Modules such as: Financials, Line-item, Workforce, Position and employee-based budgets, Projects/awards/capital budgeting, for a Federal, public/private universities or State/Local entity.
i. Strong understanding of Business Process framework and strong history of implementing solutions
j. Ability to interact with stakeholders, manage expectations, provide regular updates, and conduct requirement definition sessions.

2. Education

a. Bachelor's Degree in MIS, Computer Science, Math, Engineering or comparable major.
b. Solid foundation in Computer Science, with strong competencies in data structures, algorithms, and software design.

3 Programming Skills:

EPM Cloud or EPBCS report, dashboards development, Narrative reporting, Financial Reports, SmartView, planning forms development, data integrations, data management, business Rules, Groovy Rules, EPM Automate scripts.

C.4.35 .NET Developer Senior: The Contractor shall provide a .NET Developer Senior (Position AY) as defined in the section.

C.4.35.1 Position Description: The .NET Developer role requires a service oriented mentality, high sense of ownership of the problems and requests assigned, focus on managing and resolving issues in alignment with the SLAs, establishing and maintaining communication with technology customers to keep them updated with status of their requests.

The candidate must possess strong, hands-on experience, in-depth knowledge of programming in the Microsoft .NET core using Visual Studio (2019) technologies, responsible for the end-to-end life cycle for software development and the application in production. Will work closely with client and various District agencies to define need or problem and analyzes problems and advise on or recommend solutions.

C.4.35.2 Qualifications:

a. Required 8+ years' experience utilizing established development tools, guidelines and conventions including but not limited to ASP.NET framework, ASP.NET Ajax toolkit, design/architectural patterns (e.g. Model-View-Controller (MVC), .NET Core and ASP.NET Core applications

b. Required 8+years Design, code and test new Windows and web software applications

c. Required 8+years Enhance existing systems by analyzing business objectives, preparing an action plan, and identifying areas for modification and improvement

d. Required 8+years Create technical specifications and test plans

e. Required 5+ years in WCF/WebAPI, Entity Framework, JavaScript, jQuery

f. Required 5+ years of transact SQL experience writing complex stored procedures, triggers, functions etc.

g. Required 8+ years of experience with programming and software development including analysis, design, development, implementation, testing, maintenance, quality assurance, troubleshooting and/or upgrading of software systems.

h. Required 8+years Communicate effectively with clients and interact with client's Senior Management Team

i. Required 8+years Understand and apply design and modeling concepts at the system level
j. Required 8+years Strong documentation and basic unit testing skills

k. Required 8+years of working with development team, users, and business analysts to analyze complex problems and define solutions.

l. Required 8+year Solid understanding of architecture of web applications, object-oriented m. designs and concepts and relational database design.

TECHNICAL SKILLS:

ASP.NET, ASP.NET Core, ASP.NET Ajax, Entity framework, Telerik RAD controls, SQL, HTML, CSS, JavaScript, JavaScript libraries, C#.NET, SharePoint 2010, 2013
Development tools:
SQL Server Management Studio, SQL developer, JavaScript, Visual Studio, Subversion, SharePoint 2013
Database: MS SQL 2012, Oracle12C

C.4.36: Program and Procurement Support Specialist: The Contractor shall provide a Program and Procurement Support Specialist (Position AZ) as defined in this Section:

C.4.36.1 Position Description: The contractor personnel shall perform the following duties and responsibilities:

a. Responsible for contract administration functions following contract award and throughout the contract life cycle

b. Monitors and ensure contractor performance in accordance with the terms of the contract
c. Prepares statement of work and solicitation documents
d. Coordinates and maintains Post acquisition plans, appropriate milestone charts and related schedules. Prepares necessary documentation and correspondence.
e. Reviews completed contract file to ensure routine administrative matters are resolved or completed.
f. Supports the Contracting Officers Technical Representative (COTR) and Operations Manager to determine the acceptability of the contract performance, and/or to recommend that remedial action be taken.
g. Assists in the review of procedural aspects of contract actions.
h. Participates in contract administration sufficient to ensure contract terms and conditions are met and that the contractor delivers the required goods or services in a timely manner to achieve the objectives of the Agency's projects and programs.
i. Assists in the procurement planning activities
j. Reviewing, analyzing, and tracking Contract/Task Order invoices and expenditures.
k. Develop financial management trackers to monitor overall project health in terms of cost, budget, schedule, and performance

C.4.36.2 Qualifications**:** The Contractor's personnel shall, at minimum, have the following qualifications:

a. Bachelor's degree (or higher) in any of the following preferred fields: accounting, business, finance, law, contracts, purchasing, and economics
b. Eight (8) years' experience in procurement management
c. Demonstrated proficiency in applications including Microsoft Office Suite and Adobe Acrobat.
d. Highly experienced with Data analysis using Microsoft Excel including knowledge of Advanced functions such as VLOOKUP, Pivot Tables etc.
e. Experience in Post Contract Award Life Cycle Management including contract closeout
f. Experience with Program's Budget and Cost Management
g. Demonstrated experience with Fixed-Price, Cost-Reimbursement, and Indefinitely Delivery Indefinite Quantity (IDIQ) contracts.

C.4.37: IT Budget Report Specialist: The Contractor shall provide an IT Budget Report Specialist (Position BA) as defined in this Section:

C.4.37.1 Position Description **:** The contractor personnel shall perform the following duties and responsibilities:

a. Responsible for all aspects of Cognos 11.7 and Tableau 2020.2.3 environments including Configuration, performance planning, tuning and optimization of all environments including, Development, UAT and training.
b. Daily monitoring of system for nightly jobs normal completion as well as overall health of system.
c. Support day to day basic reporting systems, which will include help desk issues, end user support.
d. Work closely with users to gather reporting/dashboard requirements
e. Maintain and create analytic dashboards as needed.
f. Providing support for the creation of the OCFO Budget book
g. Provide support for all .NET budget applications used to create the OCFO Budget book
h. Support any ad-hoc reporting as needed.
i. Responsible for designing, optimize, and develop and debug new cubes, dashboards, and reports
j. Design and support Informatica ETL scripting
k. Support external and internal facing OCIO reporting web sites
l. Support all new system implementations as it relates to Cognos and Tableau interfaces and reporting
m. Capacity planning and recommend improvements to ensure system stability
n. Coordinate with appropriate personnel to determine positive solutions that increase end user satisfaction, following through to completion, and communicating resolution results; escalate to

management any situation that could adversely impact the service provided to the end user.

C.4.37.2 Qualifications: The Contractor's personnel shall, at minimum, have the following qualifications:

EXPERIENCE:

a. Required 10+ years Modeling Enterprise Wide Data Warehouse
b. Required 10+years Cognos 11.1.7
c. Required 10+years Cognos BI applications (BI framework Manager)
d. Required 5+ years Tableau desktop and server professional (certified)
e. Required 5+years Tableau developer and administrator
f. Required 10+years Knowledge Public Sector Financial systems
g. Required 10+years Informatica 10.4
h. Required 10+years .Net/ASP and VB

TECHNICAL SKILLS:

System Software: Cognos 11.1.7, Tableau 2020.2.3, IIS, Windows 10

Development tools: Cognos-Framework manager, Visual Studio,
Informatica 10.4 ETL scripting, Perl, Oracle Data Modeler, SQL Developer

Database: Oracle 11g RAC

C.4.38: IT Report Specialist: The Contractor shall provide an IT Report Specialist (Position BB) as defined in the section:

C.4.38.1 Position Description: The contractor personnel shall perform the following duties and responsibilities:

a. Responsible for all aspects of Cognos 11.1.7 and Tableau 2020.2.3 environments including Configuration, performance planning, tuning and optimization of all environments including, Development, UAT and training.
b. Daily monitoring of system for nightly jobs normal completion as well as overall health of system.
c. Support day to day basic reporting systems, which will include help desk issues, end user support.
d. Work closely with users to gather reporting/dashboard requirements
e. Maintain and create analytic dashboards as needed.
f. Providing support for the creation of the OCFO Budget book
g. Support any ad-hoc reporting as needed.
h. Responsible for designing, optimize, and develop and debug new cubes, dashboards, and reports
i. Design and support Informatica ETL scripting
j. Support external and internal facing OCIO reporting web sites
k. Support all new system implementations as it relates to Cognos and Tableau interfaces and reporting
l. Capacity planning and recommend improvements to ensure system stability
m. Coordinate with appropriate personnel to determine positive solutions that increase end user satisfaction, following through to completion, and communicating resolution results; escalate to management any situation that could adversely impact the service provided to the end user.

C.4.38.2 Qualifications: The Contractor's personnel shall, at minimum, have the following qualifications:

EXPERIENCE:

a. Required 10+ years Modeling Enterprise Wide Data Warehouse
b. Required 10+years Cognos 11.1.7
c. Required 10+years Cognos BI applications (BI framework Manager)
d. Required 5+ years Tableau desktop and server professional (certified)
e. Required 5+years Tableau developer and administrator
f. Required 10+years Knowledge Public Sector Financial systems
g. Required 10+years Informatica 10.4
h. Required 10+years .Net/ASP and VB

TECHNICAL SKILLS

System Software: Cognos 11.1.7, Tableau 2020.2.3, IIS, Windows 10

Development tools: Cognos-Framework manager, Visual Studio,
Informatica 10.4 ETL scripting, Perl, Oracle Data Modeler, SQL Developer

Database: Oracle 11g RAC

C.4.39: Oracle Integrator Specialist: The Contractor shall provide an Oracle Integrator Specialist (Position BC) as defined in this Section:

C.4.39.1 Position Description**:** The contractor personnel shall perform the following duties and responsibilities:

a. Responsible for all aspects of data extraction, cleansing, profiling, and loading into the Districts ERP system.
b. Responsible for designing, building complex Informatica ETL mappings
c. Work with file transfers into Oracle ERP using FBDI Orchestration between Oracle ERP and internal/external application
d. Design and develop real-time or near real-time using Oracle Integration Cloud
e. Work with complex data orchestrations to process data input of ERP Cloud
f. Provide guidance to other team members using Oracle Integration Cloud (OIC)
g. Perform code review and ensure design patterns adoption
h. Work with Oracle Integration Cloud Responsible for developing data warehouse solution
i. Technical problem-solving skills with ability to work independently or in a team-oriented environment
j. Coordinate with appropriate personnel to determine positive solutions that increase end user satisfaction, following through to completion, and communicating resolution results; escalate to management any situation that could adversely impact the service provided to the end user.

C.4.39.2 Qualifications: The Contractor's personnel shall, at minimum, have the following qualifications:

EXPERIENCE:

a. Required 3+ years' experience integrating with Oracle Fusion Financial SAAS application
b. Required 2+ years of Oracle Cloud SaaS and OCI application and integration data security
c. Required 5+years knowledge of Oracle Cloud ERP
d. Required 5+ years knowledge of Public Sector Financial Systems
e. Preferred Certification in Oracle Integrated Cloud

EDUCATION:

a. Bachelor's Degree in MIS, Computer Science, Math, Engineering or comparable major.
b. Solid foundation in Computer Science, with strong competencies in data structures, algorithms, and software design.

TECHNICAL SKILLS:
System Software: Oracle Fusion ERP

Development tools: Oracle Integrated Cloud (OIC), Oracle Data Integrator (ODI)
Informatica 10, ETL scripting

Database: Oracle 11g/12c/ 19c RAC

END