



# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information | Contact | Default Values | Discount | Document Information

Procurement Folder: 199542

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000120214

Legal Name: CDI CORP

Alias/DBA:

Total Bid: \$343,200.00

Response Date: 08/29/2016

Response Time: 10:38

SO Doc Code: CRFQ

SO Dept: 0313

SO Doc ID: DEP1700000001

Published Date: 8/15/16

Close Date: 8/30/16

Close Time: 13:30

Status: Closed

Solicitation Description: Addendum 1-Senior SAP BW Consultant BTO16-100 for DEP

Total of Header Attachments: 0

Total of All Attachments: 0



\*Corporate Headquarters  
1717 Arch Street  
Philadelphia, PA 19103

\*Local Supporting Office  
125 Lakeview Drive  
Cross Lanes WV, 25313

Jessica S. Chambers  
State of West Virginia  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

Re: - CRFQ 0313 DEP1700000001

Dear Jessica:

On behalf of CDI Corporation I am pleased to present you with the enclosed response for Senior SAP BW Consultants. Enclosed to will find the following details (in this order).

1. Designated Contact and Certification and Signature page 21 of solicitation
2. Contract Manager page 29 of solicitation
3. Section 23 – Modifications to Term and Conditions
4. Resumes of SAP BW Consultants
5. Addendum Acknowledgement

If you have any questions regarding this proposal and need to reach me please do not hesitate to call me direct at 571-332-1702.

Regards,

Robert S. Strickland  
Managing Director - CDI

## CDI Modification request to General Terms

### Section 23 – Modifications

CDI is formally requesting the following changes be accepted by the State in support of this solicitation. Because the SAP BW Consultant will be under the general direction and guidance of the State day to day, we believe this requested change is appropriate for the services being provided.

1. Section 27. At the end of the section add, **Notwithstanding anything to the contrary contained herein, Vendor will not be responsible for the work product acts, errors or omissions of the temporary personnel on assignment at the State.”**
2. Section 36-at the beginning of the section add, **“To the extent resulting from Vendor’s negligence,”**

## **KOFI TETTEH**

### **SAP BW/BI/BUSINESS OBJECTS ADMINISTRATOR/DEVELOPER**

---

#### **PROFESSIONAL SUMMERY**

---

- Skilled, IT professional with 15 years of IT experience and Eight years of work experience as Business Objects (3.1, 4.0, 4.1 and 4.2 versions)/Business warehouse (3.5, 7.0, 7.1, 7.2, 7.3, 7.4) Administrator/Developer.
- Extensive experience in Design, Deployment, Configuration, Development, and maintenance of Business Intelligence applications.
- Substantial experience in Business Objects Migration (5.1, 6.5 to XIR2, 3.0, 3.1, 4.0, 4.1, 4.2).
- Involved in 6 large SAP BW and Business Objects projects, of which 4 were full life cycle end-to end implementations and others being post-implementation and maintenance/production support projects in SD, MM, HR, FICO, PP, IM, and functional areas.
- Deep understanding of Business Objects Architecture with experience Installing and administering up to Eight-Node cluster Active/Passive on Microsoft Windows Server 2012 Enterprise Edition.
- Seasoned expert in BOBJ Enterprise Tool sets like Universe Designer, Information design tool, Web Intelligence, Live office, Xcelsius, SAP Crystal Reports, Analysis for OLAP, and SAP new generation products like Explorer, Lumira, Design Studio integration with Business Objects Mobile with in-depth knowledge on best practices for design and development.
- Hands-on SAP BW technical expertise in developing and enhancing DSOs, Infocubes, MultiProviders, Extractors, Datasource and complex transformations.
- Extensive experience with developing HANA Analytic views and Calculation views and integrating with Business Object toolsets Like WEBI, Xcelsius, Design Studio and Explorer and also integration with BW, SAP HANA Studio, and SAP HANA Live.
- Proven Skills using Agile, Waterfall, ASAP and Scrum Methodologies and ITIL standards.
- Excellent Post Production Support skills – Technical, Functional and System Administration.
- Experience on Extraction LO-Cockpit and Inventory Management, PP, SD, and MM.
- Experience in Performance Tuning (Query and Data Loading): Aggregates, Compression, Roll-Up, Remodeling, Indices, and Statistics.
- Extensive knowledge of BEx Analyzer, and BEx Query Designer for developing reports, analysis and Web reporting using BEx Web Publisher and BEx Web Application designer.
- Hands-on experience on Queries, Calculated and Restricted key figures, Structures, Variables, Exceptions, Conditions, BEx Analyzer, Info set query, RRI.
- Strong analytical and logical skills suitable for Big Data concepts.
- Good experience with the ETL design and development using Data Integrator, SAP BODS and Informatica.
- Proven strengths in Strategy, Operations, Network Infrastructure and Disaster Recovery.
- Strong communication, analytical, and problem-resolution skills.

---

## PROFESSIONAL EXPERIENCE

---

US DEPT. OF HEALTH & HUMAN SERVICES, Silver Spring, MD

December 2015 – Present

**Senior SAP Business Objects Administrator**

SAP BW/BOBJ Senior Administrator

- Prepared the project plan and system architecture design and implementation with complete documentation Proposed reporting applications recommendations to client.
- Installed and configured Business Objects 4.1 Development, Quality Assurance and Production environments with Apache and Tomcat as web and app servers on windows and unix servers.
- Migrated Access levels, User Groups, Applications, Universes and Connections, Folders and Reports, User and Categories from existing Business objects 3.1 deployment to Business objects 4.1.
- Deployed Lumira 1.29 server for BI platform using heterogeneous Setup.
- Designed and proposed strategy roll out with Infrastructure security model and deployed Business Objects mobile 4.1.
- Maintained procedures and performed tests for Business Contingency Planning/Disaster Recovery
- Proposed and Implemented security matrix, Created Folders in CMC and implemented security on various objects of CMC (folders, Applications, Universe and Connections).
- Compiled an inventory of the current Business Objects 4.1 repository using the Audit DB and analyzed usage of universes, reports, connections, and user login trends. Based upon the repository review, the report inventory was reduced by 55%, universes were reduced from 28 to 16, with corresponding reductions in connections.
- Performance monitoring and tuning of the environments to ensure smooth operation, to identify and resolve manage performance issues and to drive best practices and maintain constant uptime
- Coordination and communication of planned upgrades, enhancements and maintenance outage window in collaboration with the infrastructure teams. This includes scheduling, coordination of testing and production readiness planning.
- Heavily involved in development using the Universe design Tool and Information Design Tool assigning data and business profile securities for the different organization groups (row and object level securities).
- Gathered end user requirements, User/System Documentation, User training and testing developed reports for final deployment.
- Built Several Reports and dashboard visualization using Webi, Dashboards, Explorer, Lumira etc.
- Developed web applications for both mobile and iPads using Design studio 1.4 and SDK.
- Heavy Customization using Java Script and CSS to change look and feel of Design Studio application
- Trained Super users and End User on Business Objects 4.1 tool set including tools like Web Intelligence, SAP Crystal Reports, Analysis for OLAP and SAP new generation products like Explorer, Lumira, and Design Studio.

PRINCE GEORGE'S COUNTY, Upper Marlboro MD

July 2014 – Nov 2015

**Senior SAP Business Objects Administrator/Developer**

SAP BW/BOBJ Implementation/Production Support

- Architected server configurations, modified XML in BOE config files, and customized the tool suite.
- Deployed a clustered, Created User groups, Users, Database Connections, Managed User Privileges, Import/export of universes in production environment.
- Worked closely with Database Team, Application Team and Network Team for Installing and Configuring SAP Business Objects Supported Components and Requirements.
- Migrated Universes, Reports and Access Levels from the Development to Production environment after System Integration Testing (SIT) and then followed by Business Acceptance Testing (BAT). Used Import Wizard for the Migration process across the environments.
- Business Objects Upgrade from 4.0 to 4.1 and also responsible for applying service pack and fix pack to Business Objects installation and also deployed WAR files after upgrade.
- Setup SSO (single sign-on) for SAP BW and Business Objects using Certificates and Key-store file.
- Installed SQL Enterprise 2012 SP1 CU 5 64bit version on Windows 2012 Sp1.
- Involved in requirement gathering from business users for Business Objects 4.0 reporting.
- Responsible for the conversion of Functional design documents to Technical design specification for reports to be created.
- Performed Gap analysis to capture gaps between “as-is” existing content versus “to be” customization/enhancements.
- Built several BEx queries based on Technical specification, integrated them with Business Objects and Created Web intelligence reports based on the queries, graphs and charts facilitating drill down and drill through.
- Developed several reports based on data from SAP BW including shopping cart reports, purchase order reports and contract awards report for SRM, SLC, MM, HR and Developed FICO Financial Statement Reports and accounts payable and accounts receivable aging reports using Analysis for OLAP, Analysis for Office and WEBI toolsets and heavily involved in end user training afterward.
- Worked with Basis team to configure and maintain RFC connections and partner profiles SAP BW.
- Created OLAP Connection to SAP BW from Business Objects CMC.
- Involved in core back-end development of infocubes, DSOs and Multiproviders.
- Worked with security team to develop security matrix based of functional area of business Users.
- Defined production support strategy for the reporting issues. Developed test strategies to verify the reports based on stored procedure testing/query testing and verifying the report format.
- Heavily involved in support work, handling day to day tickets fix and walking users through “how-to” issues.
- Involved in performance tuning by using aggregates, compression, OLAP Caching, Data packet sizing, Roll-Up and also Implemented BOBJ Administration Best Practices.
- Trained end users on tip and tricks when using Reporting tools.
- Demoed several Dashboards in Design Studio application to End Client.

3M, SAINT PAUL, MN

March 2013 – June 2014

**SAP Business Intelligence, Business Objects Lead consultant**

Implementation/Integration with SAP BW and Production Support

- Defined OLAP connection between SAP BI and Business Objects 4.0/4.1 to generate OLAP Universes.
- Setup user Authentication between SAP BW and Business Objects 4.0/4.1
- Developed SAP BW queries and configured them to be exposed to Business Objects 4.0/4.1 Through BICS connection
- Responsible for migrating SAP BO reports, universes, Dashboards, etc. using LifeCycle Manger for Business Objects to quality and production environments.
- Lead the Make to deliver team, in a global implementation for over 15 countries, motivating the team to achieve high standards and KPI targets.
- Preparing daily workloads for staff & coordinating the daily allocation of work.
- Worked with SAP Portal team to publish BOBJ reports
- Developed various reports based on SAP CRM Leads, Opportunities, Service Contracts queries using Web Intelligence, Crystal Reports and also Bex Query Designer.
- Created web intelligence reports, graphs and charts facilitating drill down and drill through.
- Developed several Analysis Workspaces using the Analysis for Olap tool, information spaces and E-views using the Explorer tool, and heavily involved in end user training afterward.
- Developed Applications in Design studio based on user requirements including Sales dashboards, Profit and Loss Dashboard with drilldown by Department and Region functionality.
- Developed Mobile applications based on Technical specifications
- Applied security features of Business Objects like row level, report level & object level security in the universe so as to make the sensitive data secure.
- Responsible for testing and re-pointing connections for reports and their right datasources.
- Defined production support strategy for the reporting issues. Developed test strategies to verify the reports based on stored procedure testing/query testing and verifying the report format.
- Experience in Creating Schemas, Structural packages, nonstructural packages, Design and creation of HANA (HANA1.0 SP7) Information Models such as attribute views, analytic views and calculation views, calculated columns, Restricted Columns, Calculated attributes and input parameters.
- Experience in importing data from Flat files to HANA data base tables.
- Having good experience in data provisioning method SLT (SAP Landscape Transformations) and maintained real time data replication from ECC to HANA.
- Trained Super Users and End User to create and explore Web Intelligence reports.
- Responsible for interfacing with users to gather requirements for documentation of all reports that required re-work or needed to be taken down before new deployment took place.
- Responsible for the creation of Functional design documents and Technical design specification for reports to be created.
- Resolving the Daily issues in the Production Environment.
- Involved in performance tuning of Business Objects and Web Intelligence reports, scheduled and published Web Intelligence reports.



MONSANTO, SAINT LOUIS, MO

October 2012 – March 2013

**SAP Business Intelligence, Business Objects Consultant**

### Implementation and Support

- Interfaced and gathered requirement from business users and Converted them to technical Specifications
- Configured Single Sign-On (SSO) for Windows AD and SAP BW integration with BOBJ 4.1 using Kerberos Authentication to set up users in SAP and BOBJ 4.0 systems,
- Designed the strategy for Business Objects enterprise security on the top of SAP BW Security for Folder level access to different end users.
- Effectively administered and supervised the Business Objects (SAP BI) environment by monitoring/granting permissions and rights to users for viewing, creating and publishing reports.
- Developing Web Intelligence Reports based on the new requirements using Calculations, Breaks, Sorting, Alerts, Prompts, slice and dice, and Drill down/up functionality for creating Master-Detail reports, Cross-tab reports related to the company's Accounting and Financial Planning.
- Involved in Business objects installation and upgrade from 3.1 to 4.1
- Involved in migrating SAP BO reports, universes, Dashboards, etc. using Lifecycle Manager for Business Objects to quality and production environments.
- Worked on Email Automation and Scheduling of reports using BOBJ 4.0 Events based on SAP BI Process chains
- Defined BO Classes, Objects, in the Universe, defined Cardinalities, Contexts, Joins and Aliases and resolved loops in Universes using Table aliases and contexts.
- Developed testing scripts and test cases. Extensively tested Business Objects reports, dashboards and other Business Objects Applications in new environment.
- Extensively worked in the Variables, Formulas, Structures, Calculated Keyfigures, Restricted Keyfigures, Exceptions, Conditions, Display attributes, Navigational attributes to create queries using BEx Query designer
- Modifying the existing ODS/DSO, InfoCubes, & MultiProviders based on the new requirement for enhancement request
- Involved in performance testing of all the reports, which helped in analyzing its performance before moving into production.
- Performing re-loading of Master and Transactional data from SAP R/3 system into BW system using Full, Initial & Delta uploads
- Improving the Load Performance by analyzing the day to day data loads and reduced the downtime of the daily loads
- Trained Super Users and End User to create and explore Web Intelligence reports
- Designed and developed Master BEx Queries and created several Crystal Reports on them.
- Used SAP BW Publisher Service to publish the Crystal Reports from Crystal Tool to SAP BW and SAP BO Enterprise.

PSE & G, Newark, New Jersey

July 2010 – August 2012

### **SAP Business Intelligence, Business Objects Developer**

PSE & G is a leading and highly diversified Power Company. This project was an implementation of SAP Business Objects 3.1.

#### Implementation and Support

- Fresh SAP implementation with ECC 6, SD and BI 7 including new dimension products; third party Point of Sale (POS) system was integrated with ECC 6.0 and BI 7 for reporting and analysis
- Interacted with Business Users, Business owners to know their Business requirements in developing and modifying Universes and Reports accordingly.
- Involved in gathering, analyzing, and documenting business requirements, functional requirements and data specifications for BEx queries and integrating with BOBJ 3.1 Reports.
- Designed and recommended BI architecture and integration with SAP and non-SAP systems.
- Generated technical specifications with RICEFW object from business requirement during system configuration stage.
- Lead an on-site team of about 5 consultants and an off shore team consisting of 10 developers
- Created multiple reports using Portal, Query designer and Web Application Designer.
- Evaluated system settings and made recommendations to Basis team concerning Data packet sizing, profile parameters, and SPRO settings necessary to deploy portal for the BI reports.
- Migrating 3.x authorizations to the new authorization system and created flexible end user authorizations based on RSECADMIN and the new Analysis Authorization
- Trained IT team on data warehousing, Business Intelligence and Analytics concepts, ETL process, OLTP and OLAP in BI 7, data modeling (Star schema concepts), strategic reporting and analysis and performance tuning.
- Developed WEB INTELLIGENCE Reports using Calculations, Variables, Breaks, Sorting, Alerts, Prompts, slice and dice, and Drill down/up functionality for creating Master-Detail reports, Cross-tab reports related to the company's Accounting and Financial Planning.
- Developed Executive dashboards using Xcelsius such as Net Sales, Revenue and Marketing
- Developed OLAP Universes over BEx queries and applied MDX code on some objects.
- Developed BEx Queries on top of InfoCubes for FICO, MM, SD and PM Modules.
- Worked on BEx Query restrictions, created Characteristic KF'S, Restricted KF'S and structures and also Selection variables.
- Setup SAP user authentication for Business Objects 3.1 users, and also worked on security privileges such as Roles and Folders.
- Worked on BOBJ 3.1 CMC in Servers management, Events Handling and Security of Users, Groups and Folder Access management
- Worked on Email Automation and Scheduling of reports using BOBJ 3.1 Events based on SAP BI Process chains
- Developed SQL queries to extract, manipulate and/or calculate information to fulfill data and reporting requirements.

- Worked on Performance tuning on BOBJ 3.1 and SAP BI 7.0.
- Prepared training documents and provided end user training.
- Data loading, monitoring and correcting data loads (both planned and unplanned) for BW-Reporting
- Extensively worked in the Variables, Formulas, Structures, Calculated Key figures, Restricted Key figures, Exceptions, Conditions, Display attributes, Navigational attributes to create queries using BEx Query designer
- Prepared month-end reports for General Ledger, Net Investment, Interest, Fees and Incomes
- Implemented Security features of Business Objects 3.1 like row level, object level and report level to make the data secure.
- Performed unit testing, system testing and user acceptances test (UAT) for universe, reports and security management.
- Setup transports on SAP server side for Crystal publishing to SAP BW and Imported transports into SAP BW for crystal publishing to SAP BW
- Configured Secure Network Communication (SNC) both on BOBJ server side and SAP BI side for SSO
- Developed various reports based on SAP CRM Leads, Opportunities, Service Contracts queries using Web Intelligence, Crystal Reports and also BEx Analyzer.
- Managed an off-shore team made of three developers to help with production support issues
- Installed SAP Integration Kit and Service Pack 2 also Fix Packs to resolve integration issues.

## ANGLOGOLD ASHANTI. ACCRA, GHANA

April 2008 – June 2010

### **SAP Business Warehouse Developer**

#### Production Support

- Teamed up with functional process departments to design, plan, manage and execute reporting and analysis solutions.
- Installation of Business Content in Sales & Distribution, Material Management and Finance functional areas. Developed generic transactional and master data datasources to fill gaps.
- Developed web templates for use with queries and deployment in Portal.
- Responsible for coordination of integration testing with process teams to validate data in LIS and BW structures and seek end user acceptance. Worked with system admin teams to define specifications for frequency and mode of data transfers and setup batch jobs for InfoPackages.
- Involved in the Modeling, building and customizing InfoObjects, DSO, InfoCubes, InfoSets and Multiproviders as per the functional specifications.
- Responsible for the Data Extraction and Data Staging using LO Cockpit (LBWE) and extended the structures using user exits to support the business needs. Performed Data Integration test in both Development and Quality boxes and moved the Cubes into Production.
- Created custom queries using variables and structures. Worked on RRI Jump queries and worked on Web Reporting and Web Publishing.
- Enhanced the extractors by adding new fields and populating them with the user/function exits in transaction CMOD.

- Utilized V3 updates in setting up multiple extractors in LO cockpit (2LIS) in near zero down-time environment
- Created generic collective job run to update delta queue
- Built and generated reports using Query Designer and BEx Analyzer
- Used indexes to improve query response time
- Implemented query performance techniques including the use of aggregates
- Automated data load processes and maintained BW aggregate rollup using process chains
- Involved in requirements gathering from the client
- Monitored data loads in the Business Warehouse system.
- Created and customized InfoObjects, Infosources, Datasources, InfoPackages, Update Rules, Transfer Rules, ODS, InfoCubes, MultiProviders and InfoSets in Administrative Workbench.
- Performed Data Extraction and Staging using LO Cockpit and loaded the data from the extract structures for Orders, Deliveries and Billing Cubes from R/3 to BW with Full and Delta update methods.
- Implemented BW statistics to monitor BW system performance.
- Monitored Process Chains and addressed related loads issues.
- Enhanced existing objects along with some new requirement
- Extensively involved in the scheduling and monitoring of data loads
- Identified project risks and came up with solution strategies.
- Worked with BEx Analyzer to generate Queries and embedding them into Workbooks.
- Created Queries by defining rows, columns and free characteristics providing drill down functionality in reporting. Also built queries requiring the use of BW Reporting Variables, Navigational attributes, filters, Calculated and Restricted Key Figures, Structures, Exceptions and Conditions, RRI's.
- Generated reports using BEx Analyzer.

---

## **EDUCATION AND TECHNICAL PROFICIENCY**

---

Bachelor in computer science from the Kwame Nkrumah University of Science and technology

- In-depth knowledge of SAP R/3, BW 3.5, BI 7.0, BI 7.3, Business Objects 3.1, 4.0, 4.1, 4.2 and ECC 6.0 and 7.0
- Microsoft Word, Outlook, Excel, PowerPoint, Visio, Access and share point
- Excellent reporting skills with Business Objects Web Intelligence, BusinessObjects administration and development integrated with BEx queries

---

## **SAP BI/BO TRAINING HIGHLIGHTS**

---

- Trained client on front-end report design and advanced reporting,
- Trained on BI security based on new BI authorization concept
- Trained client on details of the ETL process and OLAP in BI 7.0. Also covered data modeling (Star schema concepts), strategic reporting and analytic and performance tuning
- Trained client on creation of universes, using BEx queries as datasources for Web intelligence and creation of reports in Web intelligence

---

**SAP BW Consultant**

## Professional Summary

- **19 Years** of overall IT experience in all phase of Software development Life Cycle.
- **14 Plus Years** of experience in project management, Architecture, Software analysis, software design, development, testing and deployment in business application, end user training, Performance Management and Operational Support in SAP BW/BI.
- **5 Years of experience working as SAP Basis consultant and 4 years a SAP BW Security consultant.**
- **5 Plus Years** of experience working with SAP BOBJ/BI reporting tools like Webi, UDT, IDT, **dashboard**, and Crystal Reports.
- **5 Plus Years** of experience working with Oracle RDBMS, SQL Server and DB2 data conversion and loading into SAP BW/BI for reporting.
- **14 Years of ETL Architect** with a focus on Design develop and implement ETL solutions to various companies.

## Leadership and Team Lead experience for Implementation Projects

- **14 Years of experience** in leading technical/functional team for technical realization of BI solution. Two years of experience with the technical upgrade from BW 3.5, BI 7.0, 7.3 and BW HANA 7.4.
- **14 Years of experience** in SAP ETL, Back-end BW Component Extractors, Info objects, Info providers, Hierarchies, Info sources, Update Rules, Transfer Rules, Info Cubes, Multi Cubes, ODS, web template, Info packages, Open Hub Service and Info Cube aggregates using SAP BW Administrative Workbench (AWB).
- **14 Years of experience** in SAP Net weaver 2004s/BI 7.0 data warehousing. Involved in development of RICEF objects, design, development and implementation of SAP BI/BW applications.
- **14 years of experience** working with Basis team in cutover Go-live, BW/BI, SPAU and SNOTES implementation. **5 Years as Basis consultant** and 4 year as **BW Security** using Analysis Authorization.
- **6 Year of ABAP Programming** and Debugging skills, Experience in writing ABAP user exits for BEX queries, transaction data source enhancement, enhancements to master data source, BEX variables, Transformation Start Routines, End Routines and BADI's.
- **5 Years of experience** with EDW and GDW BI 7.0 as **Team lead** and **Architect**.
- **8 Years of experience** in performance tuning with SAP BI. Involved in the postproduction support, which required Info cube management using Compression, Rollup, and Reconstruction, Indexes and Partitioning and performance tuning using Aggregates/ Multi providers. One year with BIA for high performance and Scalability of SAP BW implementation.
- **8 Years of experience** with SAP BW Security (Analysis Authorization) and BW authorization concepts. Created and maintained roles utilizing Profile Generator.
- **8 Years of experience** in creating Views, Data Sources in SAP R/3. Expertise in OLTP extractions from SAP R/3 using LO Cockpit, FI Asset Management, MM and Generic Extractions. Data extraction from APO, CRM and flat files. Expertise in Data Modeling using Entity Relationship (ER), Multi-Dimensional/Star Schema and Extended Star Schema models.
- **14 Years of experience** in queries using BEx Query Designer, WAD and created workbooks in the BEx Analyzer using conditions, structures, calculated and restricted key figures, character variables, formula variables and text variables, Replacement path and customer exit.
- **14 Years of experience** in Process chains development and Scheduling of data loading using scheduling tools like **Maestro**, **Control-M** and **Tidal**.
- **5+ Years** of experience working with reporting tools BOBJ Webi Intelligence, InfoView, UDT ( Universe Design Tools) , IDT ( Information Design Tools) Dashboard, Crystal reports and xelsius.

- **5+ Years** of experience and expertise using OLAP tool SAP (BOBJ) as Architect Business Objects XIR3.1 implementation in windows operating system and AIX operating system.
- **Two year** experience with SAP BW HANA design, development and Architect.
- **5 + years** of experience with SAP BOBJ/BI implementation and SAP BI upgrade.
- **8 Years** of training SAP BW/BI and SAP BOBJ experience for business user, super user and executive board of directors.

## Professional Experience

### Tyson Foods, Inc.

**March 2016 – Aug 2016**

#### Sr. SAP BW/BI/BOBJ

- Evaluated Tyson business AS IS Legacy reports and worked with different trade business BPO's in identifying the existing both Legacy Tyson and Legacy Hillshire reports.
- Reviewed and documented the reporting working by process and sub process with respective teams.
- Conducted a thorough analysis of existing AS IS Legacy reports, mapped the data flow with respective BW counterparts and identified gaps.
- Developed necessary project documents such as Functional Specifications.
- Evaluated and documented all necessary technical components such as Info Objects, DSOs, Info Cubes, Multi Providers and Process Chains exiting both Tyson and Hillshire landscape.
- Conducted various workshops with different team to identify the existing AS IS reports consolidation and reconciliation.
- Presented workshop with business team to get approval of the consolidated reports.
- Developed RICEF document for AS IS Legacy report and which was approved by BI team, Enterprise architect and PMO.
- Developed infrastructure RICEF for AS IS Legacy reports and presented to the client.
- Developed RTM document for AS IS Legacy consolidated and finalized reports.
- Created functional specification document for all the approved AS IS Legacy reports.
- Analyzed and framed the business logic for the ETL process as per the business requirements.

**Environment:** SAP ECC Vistex, SAP BW 7.4 HANA, SAP BOBJ BI Platform 4.1, Vistex, Sales & Distribution, FICO and COPA

### Eby Brown Naperville, IL

**Aug 2015 – Feb 2016**

#### Sr. SAP BW-BI/BOBJ-BI

- Participated in Project Plan discussions and advised on best practices and solutions on the ETL process.
- Lead Architect for the overall design, development and technical implementation of the projects for migrating Legacy Customer reports to BW/BI reports.
- Evaluated the business needs against Business Objects Reporting options for appropriate tool selection and analyzed connectivity options such as BICS.
- Reviewed and documented the Functional Designs with the Project Management and Business Users to gather requirements and specifications. Analyzed the data model design with the functional lead to ensure the completeness and accuracy of the design.
- Conducted a thorough analysis of existing Legacy reports, mapped the data flow with respective BW counterparts and identified gaps and designed solutions to address them.
- Developed necessary project documents such as Technical Designs and Module Test Scripts.
- Developed necessary technical components such as Info Objects, DSOs, Info Cubes, Multi Providers and Process Chains.
- BEx Reports as basis for Business Objects Web Intelligence reports through BICS connectivity.
- Fine-tuned ETL mappings to optimize data load and query Performance
- Automated, Redesigned and tuned several ETL Process for optimal utilization of Time and resources.
- Unit testing of Web Intelligence reports, Filters, Breaks, Sections and Summaries and Charts.

- Designed and developed OLAP Analysis and Microsoft Analysis for Office.
- Designed and developed user level and content level security using Analysis Authorization in SAP BW.
- Hierarchy Info object was used for the content user level security and custom DSO and ABAP user exit was developed for this Analysis Authorization. Unit testing of content level security performed in BW system.
- Designed and developed custom roles and SAP BW Analysis Authorization role for external customer using BW hierarchy info object.
- Designed and Developed BOBJ Security, Folder level access and custom Access level in BI 4.1
- Published and managed to publish all the Webi reports readily available for IPAD as Mobile reports.
- Responsible for BOBJ Administrating, Security and development of BI Folder's based on the functional area and assigns custom access level security.
- Performed migration of Webi Report document using Promotion Management for migration documents.
- Used CMC for administrating and adding users, group security, access levels, folder security, application security, authentication methods, and user alias mapping users to AD groups.
- Responsible for creating enterprise user group based on SAP functional areas and create folder according SAP functional areas and assigned CAL( Custom Access Level ) created based on SAP delivered Access Levels.
- Configured SSO (Single Sign on) using SAP in CMC in all the environments.
- Responsible for SAP BOBJ BI training the Business user, super user and external user.
- Developed training document with examples for business user and super user and published in BI launch Pad.
- Involved in SAP BW 7.3 to BW 7.4 HANA upgrade per and post support.
- Developed BI 4.0 SP 7 to BI 4.1 SP 7 upgrade plan and involved in upgrade, per and post support testing.
- Collected all necessary metadata into transport requests. Validated the transports on the go-live process and set-up initial data loads.

**Environment:** SAP ECC 6.0, SAP BW 7.3/7.4 HANA, SAP BOBJ 4.0/BI 4.1, Sales & Distribution, FICO and COPA

#### **ANDERSON MERCHANDISERS, Amarillo, TX**

**Sep 2014 – Aug 2015**

##### **Sr. SAP BW/BI/BOBJ**

- ASAP methodology Implementation for the first phase of Green Field IS-Retail implementation.
- Realization: ASAP Methodology first phase primarily referring to the configuration and development, Integration testing, GO-live and support.
- Lead and Architect for IS-Retail 3PL project. Design, development and functional/technical Implementation of standard FI-GL, FI-AP, FI-AR and FI- Asset. Developed necessary functional project document and technical documentation for business reporting to be reviewed and approved by project and change management team.
- Design and development (ETL) of Promotion work to extract data from SAP ECC custom work bench to SAP BW for Promotion of Planning and Assortments reporting. Designed and developed custom pricing data model and report based on pricing grid from SAP ECC for 3PL reporting.
- Designed, developed and enhanced standard data source to populate custom fields for 3PL reporting and promotion Work bench to BW.
- Enhanced custom Assortment data source to populate condition amount, vendor and populated project id to promotion data source based on business requirement.
- Activated standard FI, Sales, and FI-Assets report in SAP BI content and developed more than 30 reports for different reporting requirement for 3PL reporting and for material movement, material master, Finance, sales analysis and inventory reports.
- Designed and Developed custom structure, custom Function module and custom generic extractor for 3PL reporting like Invoice paid by retailer, Trade spend report etc.

- Designed, Developed BEx Queries in SAP BW and published the queries in SAP BOBJ 4.1 using WEBI.
- Designed, Developed and Scheduled process chain for loading Adhoc daily, weekly, transactional and master data to load for Functional areas - MM, Sales, Inventory, Finance, and Purchasing , F&R, Promotions, Assortments etc.
- Developed custom design to extract data from XML source using PI for custom reporting after data conversion from XML source.
- As a BW Basis consultant involved in importing all the development objects from SAP BW development to SAP BW QA and BW Production. Management of transport system, transported change requests across SAP ECC Dev, SAP ECC QA SAP ECC Prod, SAP BW Dev, SAP BW QA and SAP BW Production system.
- Created and developed custom roles and authorization using Analysis authorization for Vendor reporting in SAP BW 7.4 and SAP BOBJ/BI 4.1.
- Used CMC for administrating and adding users, group security, access levels, folder security, application security, authentication methods, and user alias mapping users to AD groups.
- Extracted historical sales data using SAP BODS to SAP BW for historical sales reporting.
- Responsible for creating enterprise user group based on SAP functional areas and create folder according SAP functional areas and assigned CAL( Custom Access Level ) created based on SAP delivered Access Levels.
- Configured SSO (Single Sign on) using SAP in CMC in all the environments.
- Responsible for SAP BOBJ BI training and training document the Business user, super user and external user.
- Collected all necessary metadata into transport requests. Validated the transports on the go-live process and set-up initial data loads.

**Environment:** SAP ECC 6.0, BW 7.4, BOBJ 4.1, SAP BODS 4.0, SAP ABAP, FI, MM, Sales, Inventory, Purchasing, FICO, FI-AA, eWM & F&R

**ULTA Salon, Cosmetics & Fragrance, Inc. Bolingbrook, IL**  
**Sr. SAP BI/BO Consultant**

**July 2010 – July 2014**

- SAP BI from initiation of the modified Business Requirements, Design changes, Coding, Testing, Data Migration, Training and Go Live (for new developments); all while maintaining time constraints, and project scope.
- Lead and Architect for the overall ETL design, development and technical Implementation of Material Movements project, Bill of material Project, Replenishment Project and FI Asset Project.
- Activated of Business content for Material movements 2LIS\_03\_BF in SAP BI administrative work bench and enhanced the data source.
- Activated of Standard data source 2LIS\_03\_BF in SAP ECC. Enhanced Standard 2LIS\_03\_BF data source for populating document header text (MKPF-XBLNR) and document type (MKPF-BLART) from Header: Article Document header table (MKPF) in ECC.
- Enhanced Vendor master (0Vendor) to populate purchasing group from LFMI (Vendor master record purchasing organization data) table for a one to one relationship with vendor and buyer for business reporting requirement. Added custom fields Cash Discount Percentage Rate (ZPRZ1) and Days from Baseline Date for Payment (ZTAG1) to Vendor Master for business reporting requirement.
- Enhanced Material Master (0Material) to populate custom fields like dotcom, Return Merchandise Authorization Number, Hazard Class, Consumer Commodity ORM-D Code, Aerosol, RMA Due Date, RMA Release Date which were custom field added to MARA table.
- Enhanced Plant Material (0MAT\_PLANT) to populate Basic value - GWERT from Prop - Forecast parameters for determining the average sales for Replenishment Project.
- Developed Generic Data Source for extraction of Archived historical data from custom table for Material movements. Enhanced to populate movement types from table Movement Type (T156) and Evaluating movement types for LIS update (TMCA).
- BOM - Bill of Material custom extractor developed using generic extractor. Tables used are MAST - Article to BOM Link and STKO - BOM Header for BOM master data source. Table STPO - BOM item



for Item level generic data source. The BOM project was developed to determine the Component Cost and Component value for Weekly Stock status reporting and Weekly Stock Item level Status reporting.

- Developed Replenishment Project from requirement gathering from business with full life cycle development as architect and Leader of the project.
- TWGLV - Layout Area, WLMV - Validity and Status of Layout Module Versions, MALG - Assignment of Layout Modules to Articles, WAKT - Promotion description short text, IS-R, WAKH - Promotion header data, IS-R, WAKP - Promotion item data are the table used to enhance material master to flag Skus as skus from Planogram, New skus and Skus in Promotion.
- Reports developed from the custom data model for replenishment project are Daily Sku details with respect to Store, Department and Market segment.
- Lead the Full Life Cycle development of FI – AA Finance Asset project Standard data extraction with enhancement of standard data source for business reporting requirements.
- OFI\_AA\_11 - FI-AA: Transactions and OFI\_AA\_12 - FI-AA: Posted Depreciations enhanced for business reporting from table ANLC - Asset Value Fields, ANEP - Asset Line Items, ANLP - Asset Periodic Values, ANLA - Asset Master Record Segment, BKPF - Accounting Document Header and ANLB - Depreciation terms.
- Fixed Asset Roll forward (Tax), Fixed Asset Roll forward (Accounting), Fixed Asset & Accumulated Depreciation Lead Schedule, Depreciation By State, Sales of Business Property, Depreciation and Amortization, Asset Class Reasonableness Review, Asset Acquisitions – For CapEx Reporting and replicated SAP standard reports too.
- Involved and Developed custom flat file extractor from SQL Server 2008 using SAP report Program as a flat file to SAP BI for converting RM reports (Report Manager) in SAP BI report.
- Gathered reporting requirement for developing reports for all the material movements including the sales, finance with purchasing information.
- Developed automatic extraction of weekly sales data into App server as flat file using BEx Query Designer report (RSCRM\_BAPI – TC).
- Remodeling of Info cube for adding a new characteristic field to existing Info cube with data and developed customer exist to fill the new info object and direct mapping to load data to the new info objects.
- Developed BADI's to populate virtual characteristic field for reporting requirements.
- Developed Process chain to load data for material movement and other data load to different source in SAP BI system.
- Material Master Classification, data source was generated using standard data source 1CL\_OMAT001 - OMATERIAL\_ATTR Client: 410 Class type: 026, added new classification attributes to material master attributes.
- Developed necessary functional project document and technical documentation for business reporting to be reviewed and approved by project and change management team.
- Developed more than 50 reports for different reporting requirement from material movement, material master, sales analysis and inventory reports.
- Developed customer exit for BEx reporting requirement to populate fiscal week text description as reporting header column description. Developed customer exit for YTD (Year to Date), QTD and PTD calculation for sales and shipment information in BI reporting and Material movement's reports, also involved in development of various customer exits for rolling thirteen weeks, previous weeks, etc.
- Architect and Lead for various SAP BODS and BI ETL integration for pushing and pulling data either way from SAP BODS and SAP BW using OHD (Open Hub Destinations) where the source was Oracle and SQL server data base.
- Developed and Scheduled process chain for loading Adhoc, daily, weekly, transactional and master data to load for Functional area MM, Sales, Inventory, Finance, Purchasing and POSDM.

**Environment:** SAP ECC 6.0, SAP BW HANA, BW 7.3, SAP BO XI 3.2, BO 4.1/ 4.0, SAP BODS 4.0, FI, MM, POSDM, Sales, Inventory, Purchasing, FI-AA and SQL Server 2008, Tidal

**Amsted Rail, Chicago, IL**  
**Lead SAP BI/BO Architect****April 2010 – June 2010.**

- Architect for SAP BOBJ XI 3.1/3.2 report migration from SAP BI 7.0
- Gathering requirement for the converting SAP BI query and design universe, designing Webi report.
- Design and developed Webi query and Webi Reports from standard and custom universe.
- Thirty four SAP BI query from various module was converted in SAP BO Webi Report's
- Enhanced the standard universe for the Webi reporting.
- SAP BI COPA, FICO and MM reports from query designer were converted into SAP BO report using Webi.
- Webi Reporting design and scheduling for P&L designed and developed with Customer and Material Hierarchy.
- Webi Reporting design and developed for Amsted Rails Inventory movement, profitability analysis, and financial analysis.
- Generated Webi Reports using the Universe as the main Data provider and also using the personal data files provided by the users. Designed Universes for Financial billing system, Sales Order processing and Sales analysis by location, Sales Analysis by country reports.
- Build the new universes as per the user requirements by identifying the required tables from Data mart and by defining the universe connections.
- System design and data model developed in SAP BO XI 3.2 for Amsted Rails. Actual and Plan data model developed for reporting in SAP BI and SAP BO reporting.
- System testing and UAT developed for the business user and super users.
- Performance tuning of Webi reports was performed for all the reports developed using Info view Webi.
- Performance testing developed in all the application servers.
- Backup plan for execution created for the client development and production system.
- Business user Training and Best practice developed for the client BOBJ XI 3.2 and BI Universe, Java Info View.

**Environment:** SAP ECC 6.0, BW 7.0, (BOBJ) Business Objects XI 3.1/ 3.2, Designer, Info View, FICO, COPA, MM, SQL Server 2008 and Windows 2008 Server

**Beam Global, Deerfield, IL****Sept 2009 – March 2010****BI/ BO Adviser – Lead Architect**

- Architect for SAP BOBJ XI 3.1 implementation and integration with SAP BI 7.0.
- SAP BOBJ integration implementation in Development App Server with BI 7.0 and SAP BOBJ Integration implementation in Production App Server with BI 7.0.
- Administration and security design for the Beam global BI BO users and super users in CMC.
- Configured SSO authentication for users and super user in development and Production App server.
- Design and developed query based and info provider based Universe and Webi Reports.
- Beam Global P&L and Europe P&L reporting designed and developed using BI query designer.
- SAP BI Customer Hierarchy and Material Hierarchy developed using flat file from Essbase.
- Webi Reporting design and scheduling for Beam Global P&L designed and developed with Customer and Material Hierarchy.
- Webi Reporting design and developed for Europe P&L with customer and Material hierarchy.
- P&L Actual and Plan reports developed using Webi and Qaaws (Query as a Web Service).
- Generated Webi Reports using the Universe as the main Data provider and also using the personal data files provided by the users. Designed Universes for Financial billing system, Order processing and Supply chain planning.
- Build the new universes as per the user requirements by identifying the required tables from Data mart and by defining the universe connections.
- System design and data model ETL developed in SAP BI 7.0 for P&L Beam global and Europe. Actual and Plan data model developed for reporting in BI and SAP BO reporting. Developed dashboards using xcelsius 2008 and published in intranet portal.
- Beam Global and Europe Depletions (Actual and Plan Universe, Webi Report and Xcelsius) Designed

and developed.

- Live office connection and Query as a Web Service implementation completed in Development Server and Production server completed.
- Xcelsius 2008 installed in client system as well as Development server and Production App server.
- Universe Query and Webi Query used to develop excels file data to create custom Xcelsius dashboard.
- Performance testing developed in all the application servers. Backup plan for execution created for the client development and production system. Data Integrator connection with SAP BI 7.0 established for client control and Open state depletions project. Business user Training and Best practice developed for the client BOBJ and BI Universe, Java Info View, Xcelsius.

**Environment:** SAP ECC 6.0, BW 7.0, ABAP, (SAP BOBJ) Business Objects XI 3.1, Web Intelligence, Designer, Info View, **FICO**, HR, SAP Portal 6.0, SQL Server 2008 and Windows 2003 Server.

## **PEPSICO, Chicago, IL**

**Jun 2007 – August 2009**

### **Sr. SAP BI/BO Consultant (Three times awarded as Prime time Player)**

- SAP BW (Business Information Warehouse) from initiation of the modified Business Requirements, Design changes, Coding, Testing, Data Migration, Training and Go Live (for new developments); all while maintaining time constraints, and project scope as expected by the client.
- Cut-over team player for Release 3, Release 4 and Release 5 project go-live and post production support for SAP BI Projects.
- Developed the data model for Supply chain Planning and Global Manufacturing and Logistics, where using this data model more than eight reports were developed for the Business users.
- Architect for SAP BOBJ XI 3.1 implementation and integration with SAP BI 7.0.
- Used ETL (SAP BW/BI) to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.
- BOBJ integration implementation in Development App Server with BI 7.0. BOBJ Integration implementation in Production App Server with BI 7.0.
- Live office connection and Query as a Web Service implementation completed in Development Server and Production server completed.
- Xcelsius 2008 installed in client system as well as Development server and Production App server.
- Universe Query and Webi Query used to develop xls file data to create custom Xcelsius dashboard.
- Performance testing developed in all the application servers.
- Key Team member for BIA implementation for high performance and Scalability of SAP BW implementation.
- Responsible for the EDW full life development of the BPS Supply Chain Management Module especially in FI, and Global Manufacturing and Logistics.
- Responsible for Release 3 as a team member development of RICEF objects design, development transport creation, migration.
- Global Procurement Planning BPS real time cube was developed from source Inventory Movements (ZIM\_01) and Ship Cost at Delivery w/ Material Movement (ZLES\_D02) for BPS planning.
- Global Procurement Planning BPS cube was developed from source Pur. Item Level Data (Z0CA\_01), COPA Account Based (ZCOPA\_B02), Tactical Material Volumes (ZPPMR\_02), Long-Term Planning Material Volumes (ZPPMR\_03) generic data source and FIN\_BPS\_Raw Material (ZSC\_006) , Inbound - Actual goods receipt quantities ( Write-Optimized (ZNJ\_O04), Actual Purchasing \$ ( Write-Optimized ) (ZNJ\_O05), Inbound Trans data - Miles ( Write-Optimized ) (ZNJ\_O10) and Inbound Trans data - Line haul ( Write-Optimized ) ( ZNJ\_O11) flat file data source.
- SAP APO DP AOP FCST (ZDP\_O01) Quantity conversation and DP BOY FCST (ZDP\_O02) Quantity conversation for BPS planning.
- Supply Chain Finance People planning cube from source PEOPLESOFT SALARY TO BW was designed, developed for BPS. Developed. Multi Provider for reporting purpose.
- Supply Chain Finance Overhead Planning Cube from source Cost centers: Costs and allocations and Legacy Essbase Data were designed, developed for BPS.
- Supply Chain Planning Cube was designed and developed from twenty six different sources like ECC

standard, generic data source, flat file data source.

- Directly interacted with the Process team lead and Functional Manager's in the requirement gatherings and FDS development (Functional design Specifications) and developed TD (Technical Design).
- Developed various reports in both models like cost summary cause of change report and warehouse report. Published them based on the portal. Developed Flat file data source for BPS planning cube.
- Developed OHD to extract data to table to send to DB2 team and also developed to extract data from production system to load to QA system during UAT for testing purpose.
- Developed more twenty-five Process chain for the Master data like FICO and flat file etc as wells as for the transaction data loading and Hierarchy data loading. Control-M scheduling tool for scheduling process chains to load data to SAP BI cubes.
- Training employees from different teams on using Control-M that have not used the scheduling tool before.
- Coached new team members on the business process, methodologies used in the life cycle of single release v/s cross-release environment of Process Automation.
- Developed process chain to execute BPS GPS to copy data for segment allocation in planning cubes.
- Responsible for documenting Requirement specifications, Design document, Unit testing documents and system testing documents and assembly testing.
- Responsible for the UAT (User Acceptance Testing) with the functional team leads and managers, for all the cycles from one to four. Web template otherwise global template was used for developing web reports using BEx Query Designer and WAD.
- Developed various reports using the query designers from both BPS Supply Chain Planning and Global Manufacturing and Logistics. Responsible for signing off all the developed reports with the functional BPS process team lead of Supply Chain Management Module and. Global Manufacturing and Logistics.
- Developed break fix on the data model and reports after Go-live and responsible for the system change control.
- Worked closely with Basis team in SPAU, SPADD and SNOTES, BIA implementation for performance tuning.
- Responsible for KT the Client's production support employee's with release 3, project and responsible for knowledge transferring to production support team.

**Environment:** SAP BO XI3.1, SAP ECC 6.0, BW 7.0, ABAP, FICO, COPA, HR, APO, CRM,SRM module, SAP Portal 6.0, Teradata, Informatics, Oracle, and Windows XP, Control-M.

**John Hopkins, Baltimore, MD**

**Jul 2006 – Jun 2007**

Sr. BW Techno-Functional Consultant

**Environment:** SAP BW 3.5, ABAP, Net weaver 2004, HR (OM, PA, BN, PY, and TM) modules, Oracle, Windows XP.

**MAYTAG CORP, Schaumburg, IL**

**Mar 2006 – Jun 2006**

Sr. SAP BW Techno-Functional Consultant

**Environment:** SAP BW 3.1, SAP R/3 4.7 Enterprise, HR, FICO, SD, MM, IM modules, AIX, DB6 Windows XP.

**Wrigley's Chicago, IL**

**Oct 2005 – Feb 2006**

Sr. SAP BW Techno-Functional Consultant

**People's Energy, Chicago, IL**

**Jul 2005 – Sep 2005**

Sr. SAP BW Techno-Functional Consultant

**Environment:** SAP BW 3.0B, SAP R/3 ABAP 4.7, FICO, AM, Oracle, Crystal Reports, Windows 2000/NT, and Crystal Reports, Adaytum (Business Objects).

**Whirlpool Corp., St. Joseph, MI**

**Feb 2005 – Jun 2005**

Sr. SAP BW Techno-Functional Consultant

**Environment:** SAP BW 3.1C, 3.5, SAP R/3 ABAP 4.7, CRM 4.0, Siebel, Oracle 9i, Windows 2000/NT, Unix/AIX 5.1, Teradata, DB2 and Maestro.

**HERSHEY FOODS, Hershey, PA**

**Sep 2004- Jan 2005**

SAP BW Techno-Functional Consultant

**Environment:** SAP BW 3.1C, SAP R/3 ABAP/4.6C, SD, HR (OM, PA) and FICO modules, Siebel, Oracle 9i, Windows 2000/NT.

**Volkswagen/Audi Auburn Hills, MI**

**Jan 2004 – Aug 2004**

SAP BW Techno-Functional Consultant

**Environment:** SAP R/3 ABAP/4.7, BW 3.0B/3.5 Business Areas: MM, SD, HR, and FICO.



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**State of West Virginia  
 Solicitation Response**

**Proc Folder :** 199542  
**Solicitation Description :** Addendum 1-Senior SAP BW Consultant  
**Proc Type :** Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation Response	Version
	2016-08-30 13:30:00	SR 0313 ESR08291600000000836	1

VENDOR
000000120214 CDI CORP

**Solicitation Number:** CRFQ 0313 DEP1700000001

**Total Bid :** \$343,200.00      **Response Date:** 2016-08-29      **Response Time:** 10:38:24

**Comments:** CDI Corporation is pleased to present the DEP with these two consultants. We believe both are qualified and can add immediate value to the DEP SAP BW implementation. CDI will at the point of award provide the State with the Designated Contact and Certification and Signature pages along with a complete Purchases Affidavit. We look forward to your response. NOTE - we have also provided two resume for review based on the feedback on Q&A posted by the State. Both consultants are available to perform the work either as a team or individually.

**FOR INFORMATION CONTACT THE BUYER**  
 Jessica S Chambers  
 (304) 558-0246  
 jessica.s.chambers@wv.gov

<b>Signature on File</b>	<b>FEIN #</b>	<b>DATE</b>
--------------------------	---------------	-------------

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Senior SAP BW Consultant	2080.00000	HOUR	\$165.000000	\$343,200.00

Comm Code	Manufacturer	Specification	Model #
80111609			

**Extended Description :** Senior SAP Business Warehouse Consultant.