



**ALASKA RAILROAD CORPORATION**  
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December 5, 2018

**Addendum Number 2**  
**Request for Proposal 18-13-206910**  
**JD Edwards Enterprise One 9.2 Application & Tools Upgrade**

**This addendum is being issued to provide information as follows: THE CLOSING DATE FOR THIS SOLICITATION HAS CHANGED AS FOLLOWS, SEALED BIDS WILL BE RECEIVED AT RECEPTIONS, ALASKA RAILROAD CORP. 327 W. SHIP CREEK AVENUE, ANCHORAGE AK 99501 UNTIL 3:00 PM LOCAL TIME ON, **DECEMBER 18, 2018** AT WHICH TIME BIDS WILL BE PUBLICLY OPENED.**

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**PROPOSAL INFORMATION, CONDITIONS & INSTRUCTIONS:**

Closing date changed to December 18<sup>th</sup>, 2018.

**BIDDER QUESTIONS & ANSWERS**

See attached Q&A table

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Please acknowledge receipt of this and all addendums in your firm's **Service Bid Form (Form 395-0132)**. **All other dates, terms and conditions remain unchanged.**

**Please direct all responses and/or questions concerning this solicitation to Timothy Bates, Alaska Railroad Corporation, Contracts, 327 Ship Creek Avenue, Second Floor, Anchorage, AK 99501, telephone number 907-265-2355, fax number 907-265-2439 or at email address [BatesT@akrr.com](mailto:BatesT@akrr.com) .**

Sincerely,

Timothy Bates  
Timothy Bates  
Contract Administrator  
Alaska Railroad Corporation

Question	Query	Response
1	Does the vendor firm need to implement and test all integrations with all 3rd party systems as well as JDE related objects? Please define the scope of JDE integration objects. If this is the case, we will need 3rd party vendor availability and support. Can you list all the integrations needed?	Yes. See page 9.
2	Does ARRC have different sites or only one site for this technical upgrade?	One site.
3	Has ARRC added any vocabulary overrides in JDE?	Yes.
4	What is the expected go-live date? We understand that ARRC has scheduling restrictions between November and February.	ARRC is flexible, aside from the scheduling restrictions. In general completion by November 1, 2019 is preferred.
5	What level of documentation does a custom, cloned or modified object need? Our assumption is that we document the retrofit parts only. Is this assumption correct?	Any object requiring reconciliation during the upgrade requires documentation. Page 11, item 12 describes documentation.
6	Does ARRC have a documentation strategy about naming conventions, projects etc. or does the vendor firm need to define these items?	ARRC has a naming convention for projects.
7	We understand that UPK is not being used, is it still an option to use for training?	No.
8	The production system contains approximately 175 modified system objects . Does this mean the standard JDE objects are modified or cloned? Are the 175 modified objects included in the 704 custom objects?	"Modified" objects are standard system objects that have been cloned or changed. "Custom" objects are entirely unique to ARRC. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
9	In which major areas do you want to receive managed support in the long-term?	ARRC does not intend to receive managed long-term support.
10	Test Scripts - Usually the customer creates these either from previous upgrades or a template we can provide. We can also provide guidance on what areas should be focused based on our past experience or help with the creation if the SMEs have any questions. In the RFP it seems you are asking for us to provide the test scripts for the user/SMEs? This is usually difficult for us to do when we are doing a mainly technical upgrade and do not know your business processes. Could you please clarify on your intended approach to test scripts?	ARRC has no previous upgrades - JDE 9.1 was installed from scratch and data converted from the prior ERP system. Some areas (payroll, notably) have developed extensive test scripts in order to confirm ESU and tax upgrades, but most have not. Per page 11, item 9, ARRC seeks assistance from the successful bidder to develop test scripts to ensure the upgrade succeeds.
11	Sandbox environment - There are two approaches that can be taken to upgrading the Sandbox environment. A) Upgrade the regular environment, create clones of the upgrade regular environment, and then make sure the clones are setup properly to act as functional and isolated instance of JDE. or B) Run the upgrade process to the normal environment and the sandbox environments individually. It important to note Option B would add significantly more cost and time to the project. Which option would ARRC prefer?	ARRC must minimize disruption of normal business processes while ensuring the new system is fully tested and reliable before it becomes the new production environment. The methodology proposed by each bidder will be evaluated with this in mind.
12	Employee Self Service- Does ARRC have a dedicated ESS Portal Server that runs on WebSphere web server? If so does it run on Oracle WebCenter or IBM WebSphere Portal?	ARRC does not have a dedicated ESS Portal Server. IBM WebSphere is in use.
13	Third party software - In a typical upgrade "we" can or would be responsible for upgrading Vertex, ALL Out, Everest and WebSphere. For products like Insight and RF-Smart that would typically be done by the vendor or customer with CNC and Project Management support from "we", but in some cases we are asked to provide consultants (such as an RF Smart Consultant) for this. Could you clarify how ARRC would approach these third party product upgrades?	ARRC expects the successful bidder to identify required upgrades and assist with upgrades if needed. ARRC has been handling upgrades of these products in the past and does not anticipate needing assistance.
14	64-bit - With tools release 9.2.3 you can upgrade the all servers to 64-bit. Does ARRC want to do this? Things that are still running on 32-bit are Enterprise Svr, Deployment Svr, Dev Client, and BSFN code.	ARRC's Sandbox environment is on Java 8, 64-bit currently. Current Java, 64-bit, is preferred wherever possible.
15	Windows Server 2012/2012 R2 - End of life for this product will be coming in less than 4 years (Oct 2023). Does ARRC want to consider upgrading all servers to Windows 2016 since it is certified with all servers for JDE 9.2?	No.
16	Will there be new hardware used for the upgrade?	It is anticipated ARRC will be on a new IBMi Power9 before March 1, 2019.
17	"The ARRC anticipates awarding a contract for a one (1) year period with the possibility of three (3) one-year extension subject to acceptance by both parties." What if the project is of shorter duration? Is ARRC looking for min one year contract to start with? - Tim to answer	Yes
18	Section C #3 - Are there any preferences on what type of trainings?	Training Plans & Materials proposed will be evaluated as part of the each bid (page
19	We would prefer 30 day notice. Immediate termination will be very difficult for us to address financially. This is particularly difficult if our performance was not reason for the termination.	Per Item #12 in Section B: "...Proposer shall indicate all exceptions to terms, conditions & specifications of this solicitation individually in its proposal" These exceptions can be discussed if your firm is selected for negotiations.

20	<p>Section G - #5.2</p> <p>The Contractor refuses or fails to perform its obligations under the contract, or fails to make progress so as to significantly endanger timely completion or performance of the contract in accordance with its terms, and Contractor does not cure such default within a period of ten (10) days after receipt of written notice of default from ARRC or within such additional cure period as ARRC may authorize; We'd prefer 15 days to correct.</p>	<p>Per Item #12 in Section B: "...Proposer shall indicate all exceptions to terms, conditions &amp; specifications of this solicitation individually in its proposal" These exceptions can be discussed if your firm is selected for negotiations.</p>
21	<p>Section G - #5.3 Upon receipt of a notice of cancellation or termination, Contractor shall immediately discontinue all service and it shall immediately cause any of its suppliers or subcontractors to cease such work unless the notice directs otherwise and deliver immediately to ARRC all reports, plans, drawings, specifications, data, summaries or other material and information, whether completed or in process, accumulated by Contractor in performance of the contract. In the event of termination for default, Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the amount to be paid on this contract exceeds the expense of finishing the work, compensation for additional managerial and administrative services and such other costs and damages as ARRC may suffer as a result of Contractor's default, such excess shall be paid to Contractor. If such expense, compensation, costs and damages shall exceed such unpaid balance, Contractor shall be liable for and shall pay the differences to ARRC. The rights and remedies of ARRC provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law.</p> <p>We normally would get 30 days' notice on cancellation/termination. Particularly if this is done for no cause of our own, we would need some time to plan the exit of a team of qualified resources.</p>	<p>Per Item #12 in Section B: "...Proposer shall indicate all exceptions to terms, conditions &amp; specifications of this solicitation individually in its proposal" These exceptions can be discussed if your firm is selected for negotiations.</p>
22	<p>What is the expectation on test script side, does ARRC have ready test scripts If yes : Are we supposed to use same test scripts for testing ? If no – Are we supposed to create new test scripts for functional testing ? In this case how much involvement can we expect from your functional team to work with our functional resources on process understanding in order to build the test scripts for custom or modified processes. Since this is pure technical upgrade are you expecting a through functional testing ? or our functional resources just need to make sure that applications / UBE's are working properly after upgrade without lot of involvement for ARRC side.</p>	<p>ARRC has no previous upgrades - JDE 9.1 was installed from scratch and data converted from the prior ERP system. Some areas (payroll, notably) have developed extensive test scripts in order to confirm ESU and tax upgrades, but most have not. Per page 11, item 9, ARRC seeks assistance from the successful bidder to develop test scripts to ensure the upgrade succeeds.</p>
23	<p>Are you open to deliver this project using onsite-offshore model?</p>	<p>ARRC has not taken a position on the use of off-shoring. This will fall under Evaluation Criteria 2, Project &amp; Management Plan.</p>
24	<p>Is any preference given to local vendors OR WMBE/MBE/SMB responding?</p>	<p>No, DBE status is tracked and reported, but no preference is given.</p>
25	<p>Do you currently have a vendor that supports current system?</p>	<p>No.</p>
26	<p>Point 12 states that ""Provide documentation of the system. Provide documentation of all the custom and customized objects including: name, description of the function or customizations, corequisite and pre-requisite objects"" For the custom objects , will ARRC provide the object wise Functional or business requirements ? Are we to understand the business process requirement for each custom object and provide documentation or If the answer to the above is No, then are we to assume that we will read the code in the objects and provide a documentation on what that custom object does without going through the business requirement for the same Can you provide more clarity on this requirement and the expectation of deliverable under this point?</p>	<p>ARRC does not have documentation for most of the custom and customized JDE objects. Point 12 is to rectify this situation.</p>
27	<p>Will 9.2 be installed on same AS400 LPARs as current 9.1, or will new LPARs be created for 9.2?</p>	<p>On the same LPARs. ARRC does not have the hardware to support twice the current number of LPARs.</p>
28	<p>How many JVMs are there on each of the 3 Production Web Servers?</p>	<p>One.</p>
29	<p>How are requests load balanced across the production web servers and is that part of the scope?</p>	<p>Round-robin logins. It is not part of scope.</p>
30	<p>What is the current size of Production Data (PRODDTA and PRODCTL libraries)?</p>	<p>PRODDTA 77.6 Gb PRODCTL 1.9Gb</p>
31	<p>What is the acceptable downtime for performing the production upgrade cut over?</p>	<p>ARRC has a hot-site that users can be swapped to for up to 12 hours of read-only access.</p>

32	What is the current JDE Authentication mechanism?	For most users, single sign-on via Everest Software International's ESI JDE SSO
33	How many rounds of data conversion would ARRC like to be included? (typical practice includes one initial conversion, then two during testing and one for go live)	This will be evaluated as part of the bidder's Project & Management Plan.
34	Will ARRC implement a code freeze or will there be ongoing development in 9.1 (with object changes needing to be brought over to 9.2 throughout the duration of the upgrade project)?	There may be minor changes during upgrade that will have to be brought onto the new system. No large development projects are scheduled at this time for the upgrade period.
35	Are there any DR systems in scope for the 9.2 upgrade?	No.
36	What is the expected start date and go live date? Please clarify if date(s) are approximate or firm.	ARRC is flexible, aside from the scheduling restrictions. In general completion by November 1, 2019 is preferred.
37	The RFP references approximate number of custom objects currently used – please confirm if these are pure custom objects or if numbers also contain any cloned custom objects?	"Custom" objects entirely unique to ARRC. ARRC does not have documentation for most of the custom objects. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
38	Regarding the 175 modified system objects – please clarify if standard JDE/Vanilla objects?	To the best of ARRC's knowledge, these are modified standard JDE objects.
39	Does ARRC currently use any BSSV or BI Objects? If so please provide lists of these objects.	To the best of ARRC's knowledge, there are no custom BSSV or BI objects. There are are number of BI Publisher related objects however.
40	Please provide the complete list of Objects based on the below categories: Cloned Custom Objects (copied from standard JDE Objects; Ex – P554210) JDE Standard Objects (Vanilla objects; EX- P4210) Custom Objects (developed based on custom table and business View; EX – P550001)	See Appendix A. ARRC does not have documentation for most of the custom objects. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
41	Are there any version level overrides?	To the best of ARRC's knowledge there are no version level overrides.
42	Does JDE 9.1 have a pristine environment? If so is it up to date with all the ESU's currently applied across all other 9.1 environments?	There is a pristine environment and it has every ESU installed in production.
43	If possible please provide this RFP in Word format.	Please request via email and ARRC will try to accommodate.
44	Regarding requirement for physical copies, is there flexibility to provide only electronic copies?	ARRC is not currently set-up to receive electronic proposal submissions. Hard copies are required as specified.
45	If physical copies are mandatory, is there flexibility to extend deadline allowing additional time to receive addendum, complete response, and mail response?	Due date has been extended.
46	As mention for Finance resources 25% available for upgrade project. What is definition of %, availability of SME in every month or for total project duration. (will help in project planning)	No more than 25% of employee time per month will be available. This standard should also be assumed to apply to Human Resources.
47	What is complexity of customization had been carried out in standard object in each module.	ARRC does not have documentation for most of the customized/custom objects. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their
48	Expected Go live date ?	ARRC is flexible, aside from the scheduling restrictions. In general completion by November 1, 2019 is preferred.
49	Please confirm you will be using Windows 2016 and not 2012 R2?	ARRC will be using Windows 2012 R2.
50	Planning to install 9.2 on new windows servers?	Yes. ARRC has a large VM infrastructure.
51	Planning to install 9.2 on new iSeries LPAR partitions?	On the same LPARs. ARRC does not have the hardware to support twice the current
52	Will JDE components be sized, or need to plan for analysis?	As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do
53	For all 3rd party, Scope states: Coordinate and install, are we expected to upgrade/install all 3rd party, or just coordinate E1 tasks with 3rd party partners	ARRC expects the successful bidder to identify required upgrades and assist with upgrades if needed. ARRC has been handling upgrades of these products in the past and does not anticipate needing assistance.
54	Do you require training material to be developed or just perform training?	Developed and presented.
55	Latest E1 tools (9.2.3.x) uses 64 bit, is that in scope?	Yes.
56	Who will be doing object Retrofitting in 9.2?	The successful bidder.
57	For the "Provide a list of test scripts", would this need to be done from scratch, or would be updating some existing set of test scripts that was used during the 2013 9.2 implementation?	ARRC has no previous upgrades - JDE 9.1 was installed from scratch and data converted from the prior ERP system. Some areas (payroll, notably) have developed extensive test scripts in order to confirm ESU and tax upgrades, but most have not. Per page 11, item 9, ARRC seeks assistance from the successful bidder to develop test scripts to ensure the upgrade succeeds.
58	Is UPK expected to be used going forward to develop custom training material to be used by JDE users?	No.
59	Can you describe internal skill-level/availability of functional resources?	ARRC has been using JDE 9.1 since January 1, 2013. The functional resources have daily experience with it.
60	Do you have functional support team member per module in use?	No.

61	Do you have a detailed listing and technical specs for modifications made to base objects?	ARRC does not have documentation for most of the custom objects. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
62	Will the project team be based out of Alaska, or are there other remote offices?	Based in Anchorage, Alaska.
63	<p>According to your RFP, ARRC's resources are limited</p> <p>The RFP states (see page 10) that from Nov 1, 2018 through Feb 28, 2019, members of the ARRC accounting department will not be available to the project</p> <p>Based on this do we assume that the anticipated Accounting and Finance preparation, testing and execution portion of the project can only begin on March 1, 2019</p> <p>The RFP also states that the maximum time of support by ARRC Accounting and Finance is 25%. (see page 10)</p> <p>There are certain periods in the project such as Testing, Training and Go-Live Preparation where we would need your resources more than the 25% stipulated. Please let us know if this is possible as we would need to extend these periods if not.</p> <p>Could you also provide the maximum % for the other resources</p>	<p>Accounting/Finance testing must be done before or after the limited availability period.</p> <p>No more than 25% of employee time per month will be available. This standard should also be assumed to apply to Human Resources.</p> <p>Item 4, "ARRC Resource Requirements" (pg 17) is specifically included to give bidders an opportunity to propose ARRC resources needed.</p>
64	<p>Test scripts (see page 11)</p> <p>Is the Vendor's responsibility to just provide the list of test scripts. Are we correct in assuming that the business model will be provided by ARRC?</p> <p>Is the Vendor also responsible for creating the test scripts?</p>	<p>ARRC has no previous upgrades - JDE 9.1 was installed from scratch and data converted from the prior ERP system. Some areas (payroll, notably) have developed extensive test scripts in order to confirm ESU and tax upgrades, but most have not.</p> <p>Per page 11, item 9, ARRC seeks assistance from the successful bidder to develop test scripts to ensure the upgrade succeeds.</p>
65	<p>Remote access to ARRC system</p> <p>Will each Vendor resource be assigned a development client?</p>	This can be proposed as part of the "Project & Management Plan"
66	<p>Do the following resources overlap in their functions - i.e. one person that does multiple functions (see page 10)</p> <p>Project Manager with background of Application Support</p> <p>1 Application Support with CNC</p> <p>1 Payroll and Accounts Payable</p> <p>1 Finance/Financial Reporting</p> <p>1 Fixed Assets</p> <p>1 Purchasing</p> <p>1 Accounts Receivable</p> <p>1 Job Cost/Reimbursable &amp; Grant Invoicing</p> <p>1 Budget Analyst</p> <p>1 HR Analyst</p> <p>1 Work Order/Maintenance Analyst</p>	Each listed team member is a different person.
67	In order for us to determine the amount of activity ARRC performs (i.e. active user counts) on each module, please can you complete the number active users there are for each App by module? Please refer to the spreadsheet (attached) for completion (see page 6)	See the "Current Licensing" tab.
68	<p>Fixed Fee (page 17)</p> <p>If ARRC does not perform to the expectations/assumptions in the RFP response, is the vendor able to submit a Project Change Request? Example – The Code Analysis report dates back to 2013 and the vendor may find additional objects not on the list and therefore increase the scope.</p>	If the changes are deemed to be significant or out of scope then yes. The object list is not intended to be definite or all encompassing, but representative as noted above.
69	<p>In the RFP it states that "It is important that the primary individuals servicing the contract are present for this presentation" (see page 16)</p> <p>Does this refer to the Vendor presales team or the actual consultants that will be on the project</p>	The vendor sales team.
70	Due to the qualitative and subjective aspects of executive sponsorship, project management, super user skill set and availability that the vendor has limited control over – is it acceptable to ARRC to have a fixed fee for the CNC tasks and development retrofits and a time and materials arrangement for the project management and functional consulting work?	No. The only effective way for ARRC to evaluate the costs for this project is with a fixed fee structure.

Sr. No.	RFP Page #	Section	Query	Response
71	Page 6 of 29	JDE Modules Installed	Real Estate Management, UPK and eRecruit are not in Use. Can we assume that these modules will be Out of Scope?	Yes
72	Page 7 of 29	ARRC JDE Code	Object wise breakup of 704 JDE objects are pure customized objects and not cloned from standard JDE objects. Please confirm.	As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
73	Page 8 of 29	Modified System Code	Can you please provide detail list of 175 standard objects modified with complexity of development (High / Medium / Low) and cloned from object name?	No. As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
74	Page 9 of 29	Other Software	3rd Party Softwares will remain at the same versions mentioned in RFP. Scope of project is limited only to upgrade JDE version 9.2. ARRC will handle any changes required in respective 3rd Party Software and will be out of scope. Please confirm.	ARRC expects the successful bidder to identify required upgrades and assist with upgrades if needed. ARRC has been handling upgrades of these products in the past and does not anticipate needing assistance.
75	Page 30 - 37	Appendix 1	Number of Objects (298) listed in Appendix does not tally with count of objects mentioned in ARRC JDE Code (704 Custom Objects) or Modified System Code (175 Objects). Please provide more details on Appendix Objects listed. Are they part of ARRC JDE Code objects or Modified System Code objects or they are in addition to both ARRC JDE Code or Modified System Code?	As noted the list is provided to assist bidders and is not a definition of scope of work or guaranteed to be complete. It is expected that the successful bidder will do their own in-depth analysis.
76	Page 4 of 29	Purpose	Inplace or Separate Hardware for JDE upgrade 9.2	Inplace. ARRC has a separate, independent installation named SANDBOX that is a duplicate of production that can be given over to the upgrade work exclusively if necessary.
77	Page 5 of 29	Current Servers and Environment	Do you have Load Balancing and High Availability Environment	The production environment has load balancing for the web servers. ARRC has a duplicate offsite disaster recovery system that is kept current via the QEDD replication system.
78	Page 5 of 29	Current Servers and Environment	Is your current database configured in clustered mode	No.
79	Page 5 of 29	Current Servers and Environment	Do you have custom view and triggers on database	Yes.
80	Page 5 of 29	Current Servers and Environment	Do you have Audit enabled on JDE	Aside from F06116 (Time Card Auditing) 21 CFR Part 11 support is not enabled, if that is what the question is referring to.
81	Page 5 of 29	Current Servers and Environment	JDE security AS IS or revamp	As is. Lights-out was implemented in an AllOut project. Row level security is implemented for a few tables.
82	Page 5 of 30	Current Servers and Environment	What is Network Bandwidth among servers	Servers backbone: 10 Gb Desktop to server: 100 Mb Server to Internet: 10 Mb
83	Page 7 of 29	Storage Notes	Can we have size of Top 10 Tables. Looks only record count are mentioned. Also Size of production database	PRODDTA Total Size: 77.6 Gb Total Objects: 13,335  Top 10 objects by size (in Gb) Object      Approx. Size F0719      11.0 F0911      8.8 F590601Z   6.1 F0911Z1    5.6 FG4812H    2.8 F0724      1.9 A06116PD   1.8 FG48S912   1.3 F0902      1.2 F01131M    .9
84	Page 89 of 29	Other Software	Who will be owner to upgrade softwares mentioned in Table Like RF-Smart, All-Out,Vertex, ESI JDE SSO, Insights Spreadsheet server.	ARRC expects the successful bidder to identify required upgrades and assist with upgrades if needed. ARRC has been handling upgrades of these products in the past and does not anticipate needing assistance.
85	Page 11 of 29	Scope of Work	List of environment. Is it multi or single production environment	Single. There are path codes for prototype, pristine, prior period, development, and test. The "Sandbox" instance is an independent duplicate of production (see page 5).
86	Page 11 of 29	Scope of Work	Does the upgrade landscape has more geographical locations, languages and Localizations	There is a single datacenter located in Anchorage, Alaska. No additional languages or localizations.
87	Page 11 of 30	Scope of Work	Operating System/ Database administration, ownership with ARRC or Clarisity	ARRC has internal system administration, database management, and CNC staff.

Product	Licensing
JD Edwards EnterpriseOne System Foundation - Application User Perpetual	34
Oracle Technology Foundation for JD Edwards EnterpriseOne - Application User Perpetual	786
JD Edwards EnterpriseOne One View Reporting Foundation - Application User Perpetual	5
JD Edwards EnterpriseOne Financials (included in Suite)	40
JD Edwards EnterpriseOne Expense Management - Expense Reports Perpetual	1,800
JD Edwards EnterpriseOne Resource Assignments (included in Suite)	40
JD Edwards EnterpriseOne Real Estate Management (included in Suite)	40
JD Edwards EnterpriseOne Project Costing (included in Suite)	40
JD Edwards EnterpriseOne Contract and Service Billing (included in Suite)	40
JD Edwards EnterpriseOne Advanced Contract Billing (included in Suite)	40
JD Edwards EnterpriseOne System Foundation (included in Suite)	40
JD Edwards EnterpriseOne Procurement and Subcontract Management (included in Suite)	40
JD Edwards EnterpriseOne Operational Sourcing (included in Suite)	40
JD Edwards EnterpriseOne Supplier Self Service (included in Suite)	40
JD Edwards EnterpriseOne Requisition Self Service (included in Suite)	40
JD Edwards EnterpriseOne Plant Manager Dashboard - Application User Perpetual	10
JD Edwards EnterpriseOne Capital Asset Management (included in Suite)	40
JD Edwards EnterpriseOne Condition-Based Maintenance (included in Suite)	40
JD Edwards EnterpriseOne Equipment Cost Analysis (included in Suite)	40
JD Edwards EnterpriseOne Inventory Management (included in Suite)	40
JD Edwards EnterpriseOne Sales Order Management - Application User Perpetual	5
JD Edwards EnterpriseOne Service Management Foundation (included in Suite)	40
JD Edwards EnterpriseOne Human Resources - Enterprise Employee Perpetual	786
JD Edwards EnterpriseOne Payroll - Enterprise Employee Perpetual	786
JD Edwards EnterpriseOne Self-Service Human Resources - Enterprise Employee Perpetual	786
JD Edwards EnterpriseOne Time and Labor - Enterprise Employee Perpetual	786
JD Edwards EnterpriseOne eRecruit - Enterprise Employee Perpetual	786
Oracle User Productivity Kit Standard - UPK Developer Perpetual	2
Oracle User Productivity Kit - UPK Employee Perpetual	786