

Amendments & Clarifications against RFP No JPD/SE(IT&CRP)/IT/TN-35 To implement "OFF the shelf" OEM ERP web based solution in Rajasthan Electricity Distribution Companies.

On the basis of queries received from various prospective bidders and as per the discussion held during pre-bid conference held on 16-04-10, the following Amendments & Clarifications are issued. The due date of opening of the bid is now 20-05-10 as detailed hereunder.

S. No.	Existing Section /Page/ Clause	Section Heading	Amended Description
1.	Page-2	Important Events and Date	<ol style="list-style-type: none"> 1. Last Date and Time of receipt of the Tender – 20-May-2010 up to 02:00 PM 2. Date and Time of Opening of the Tender – 20-May-2010 at 03:30 PM
2.	Page-7	DISCOM's Vision	Material Management module has been added
3.	Page-8	Broad Scope of Work	<p>To provide following modules strictly from standard internationally renowned OEM ERP solution (OFF the Shelf solution)</p> <ol style="list-style-type: none"> a. Financial Accounting b. Cost Accounting and Controlling c. Human Resources and India Payroll d. Projects Control / Projects Systems e. Material Management

4.	Page-13	Arrangement of application and database servers for hosting	<p>Last paragraph of this section should be read as under –</p> <p>While sizing the servers, 2000 no. of users (except for Employee self service, which would be 50,000 users) have to be considered with the annual growth of 5% for next 5 years (i.e. during the period of post implementation support of 5 years the system should maintain the performance and response SLA's in spite of increase in the growth of users.) Number of users should not be linked with the number of user licenses. The licensing for application and database shall be either CPU based or enterprise wide licensing.</p>															
5.	Page-26	Evaluation of offered OEM ERP Package		<table border="1"> <thead> <tr> <th data-bbox="779 516 863 581">Sr. No.</th> <th data-bbox="863 516 1486 581">Technical Evaluation Criteria</th> <th data-bbox="1486 516 1940 581">Weightage</th> </tr> </thead> <tbody> <tr> <td data-bbox="779 581 863 776">1.</td> <td data-bbox="863 581 1486 776">ERP OEM has presence in India. (Copy of oldest orders from any organization of India (having turn over more than 100 Crores) to be attached). Besides any other government document establishing this fact may be attached</td> <td data-bbox="1486 581 1940 776"> > 7 years – 10 Marks; 6.5 to 7 years – 6 Marks; Less than 7 years - 0 Marks </td> </tr> <tr> <td data-bbox="779 776 863 1101">2.</td> <td data-bbox="863 776 1486 1101">Annual Turnover of the ERP Product OEM in World for last three completed years with a consistent growth path.</td> <td data-bbox="1486 776 1940 1101"> > 7 USD Billion – 5 Marks; 5 Billion USD to 7 Billion USD - 3 Marks; 5 Billion USD - 2 Marks; Less than 5 USD Billion-0 marks </td> </tr> <tr> <td data-bbox="779 1101 863 1391">3.</td> <td data-bbox="863 1101 1486 1391">No. of successful implementations / implementation in progress in Power Generation, Transmission & Distribution utility industry</td> <td data-bbox="1486 1101 1940 1391"> More than 6 Projects – 15 Marks; 5 Projects – 12 Marks; 3 Projects – 8 Marks; Less Than 3 Projects - 0 marks </td> </tr> </tbody> </table>	Sr. No.	Technical Evaluation Criteria	Weightage	1.	ERP OEM has presence in India. (Copy of oldest orders from any organization of India (having turn over more than 100 Crores) to be attached). Besides any other government document establishing this fact may be attached	> 7 years – 10 Marks; 6.5 to 7 years – 6 Marks; Less than 7 years - 0 Marks	2.	Annual Turnover of the ERP Product OEM in World for last three completed years with a consistent growth path.	> 7 USD Billion – 5 Marks; 5 Billion USD to 7 Billion USD - 3 Marks; 5 Billion USD - 2 Marks; Less than 5 USD Billion-0 marks	3.	No. of successful implementations / implementation in progress in Power Generation, Transmission & Distribution utility industry	More than 6 Projects – 15 Marks; 5 Projects – 12 Marks; 3 Projects – 8 Marks; Less Than 3 Projects - 0 marks		
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6.	Page 26	Evaluation of Bidders Capability	Sr. No.	Technical Evaluation Criteria	Weightage
			1.	Bidder's revenue in each of the last 3 years in Rs	> Rs 3000 Crores – 5 Marks; Rs 2000 Crores – 3 Marks; Below 2000 Crores - 0 Marks
			2.	Bidder's experience in the field of IT and System Integration	> 7 Years – 8 Marks; 5 to 7 Years – 5 Marks; 5 Years - 4 Marks; Less than 5 years - 0 Marks
			3.	System Integration Projects implemented by Bidder in last 5 Years covering FMS, Software, Databases, etc. in single project	5 Projects – 10 Marks; 4 Projects – 8 Marks; 3 Projects – 6 Marks; Less than 3 Projects - 0 Marks
			4.	Projects executed or being executed, in last 5 years in power sector covering generation or transmission of distribution in last 5 years using standard ERP package	More than 30 Crores – 10 Marks; 25 to 30 Crores – 8 Marks; 20 to 25 Crores – 7 Marks; 20 Crores - 6 Marks
			5.	No. of ERP modules Out of HR, accounts, Finance, Project Management, CRM, Material Management & Maintenance Management etc. in a single order implemented in last 5 years	> 7 Modules – 5 Marks; 5 - 6 Modules – 4 Marks; 4 Modules – 3 Marks; Less than 4 Modules – 0 Marks

				6.	Solution Architecture – Proposed solution architecture - integration between modules, scalability and security	Very Good- 5 Marks; Good - 4 Marks; Satisfactory - 3 marks
				7.	Technical Solution Compliance of all functionalities	100% Compliances-10 Marks More Than 90% but less than 100% Compliances-8 Marks (On Pro-rata basis) More Than 80% but less than 90% Compliances - 6 Marks(On Pro-rata basis) Less than 80% Compliances-0 Marks
				8.	Bidder's manpower skills in the ERP Product being offered here	> 600 Employees – 5 Marks; 550 Employees to 600 Employees – 4 Marks 500 Employees to 550 Employees – 3 Marks < 500 Employees – 0 Marks
				9.	Approach, Methodology and Project Management - Project Management, Service Levels, details and qualifications of the manpower proposed to be deployed for the project	Very Good - 5 Marks; Good - 4 Marks; Satisfactory - 3 marks
				10.	SEI-CMMi Certification	CMMi Certification 5 – 7Marks CMMi Certification 4 – 5 Marks CMMi Certification 3 – 3 Marks CMMi Certification less than 3 - 0 Marks

7.	Page-28	Evaluation of Financial Offers	<p>The given formula will be replaced by the below formula – <u>Lowest Price X 100</u> Bidder Price</p> <p>It is clarified that the evaluation of financial offer will be based upon the total price quoted by the bidders, and NOT on the individual component wise price.</p> <p>Example – A bidder, who quotes the lowest total price among all bidders, may have quoted higher price for certain components as compared to the price quoted by the other bidders for those same components. In such an event, only the total price of the bid will be considered for evaluation. Price of individual components will have no effect on the bid evaluation and decision making.</p>
8.	Page-43	Maintenance Of Facilities And Personnel - FACILITY	<p>The Agency shall maintain all requisite facilities of its own as required to carry out the work as per the specifications. The agency shall open main project office at Jaipur, and residential offices at Ajmer & Jodhpur DISCOMs.</p> <p>The agency shall also maintain communication equipments like telephone with fax and mobile phone for interaction with JVVNL officers and others. Purchaser will facilitate the Implementation Partner to obtain the necessary telephone connection at Purchaser’s premises.</p>
9.	Page-50	WARRANTEE	<p>The following line is added – The warrantee, FMS, AMC will start from the date of “Go-Live” and run simultaneously till end of the 5th year from the date of “Go-Live”.</p>
10.	Page-60	SECTION-III-PART-II: Pre Qualification Requirements	<p>A. Pre Qualification Criteria for offered ERP Package</p> <ol style="list-style-type: none"> 1. In this tender, sole bidders with authorization from OEMs as per tender conditions or Consortiums of not more than two constituent members are permitted to participate. 2. The following prequalification conditions are mandatory requirements, required to be fulfilled by the Sole bidder / Lead member of the consortium or by specific product OEM as indicated below. Bidder may please note that normally no second opportunity will be given

to them for either submission of any clarification, additional information or support document in support of prequalification after opening of tender. However, JVVNL may ask to provide any supplementary information limited to historical data/credentials. Any bid not found to be in conformance with any of the pre-qualifying conditions will be summarily rejected and not considered for further evaluation.

Sr. No.	Pre-Qualification criteria	Qualification Criteria	Supporting documents to be submitted
1.	ERP OEM must have presence in India.	Minimum 7 years	Copy of relevant certificates from ROC/copy of oldest P.O. received from any organization establishing the presence of ERP OEM
2.	Annual Turnover of the ERP Product OEM in World for last three completed years with a consistent growth path.	Not below USD 5 Billion per annum in World	Copy of audited financial results for the last 3 years. It is clarified that global turn-over/global Annual report of ERP OEM shall be considered.
3.	No. of successful implementations/implementation in progress in Power Generation, Transmission & Distribution utility industry	Minimum 3 live implementations /implementation in progress where Finance, Material Management, HR, Projects and Payroll is	Copy of Purchase Order / Contract agreement entered with the customer / Customer's Name and Details with an authorization from the OEM's authorized legal signatory.

						implemented/being implemented.	
				4.	The ERP Product must have the vertical and horizontal scalability to take care of the increase in no. of users, increase in geographical locations, must have inherent integration and functionalities which should be present between all core modules required in this RFP, must comply to all the statutory rules and legalities of Indian geography , must be capable of supporting bi-directional interfaces with the custom built legacy applications (given in this RFP) with minimal of development effort with the use of standard objects.	The architecture must support the architecture required for SOA , must be database independent, must have been implemented in a utility distribution company with consumer base > 5 lacs, capability to support growth in geographical locations running on the same instance	<p>Certificate from OEM Product Vendor with respect to following:</p> <ul style="list-style-type: none"> I. Should support multiple databases like Oracle / DB2 / MS-SQL II. It supports SOA architecture III. Max. No. of user base with which any implementation has been done in a utility company IV. Max. No. of geographical locations running on a single instance V. Certificate indicating that it supports all the prevailing statutory rules, tax laws and legalities of Indian government

							and a capability to take care of the same wrt the frequent changes occurring from time to time.								
				5.	No. of customers in India in Govt. and PSU. (OPTIONAL REQUIREMENT)	Not below 10 live implementations in India in Govt. / PSU with a user base of more than 1,000 in India where Finance, Material Management / Maintenance Management, Procurement, Project Management, HR & Payroll should have been / being implemented.	Copy of Purchase Order / Contract agreement entered with the customer / Customer's Name and Details with an authorization from the OEM's authorized legal signatory.								
11.	Page-62	SECTION-III-PART-II: Pre Qualification Requirements	B. Pre Qualification criteria for Implementation Partner (To be met by Sole Bidder or Lead Bidder in case of Consortium)												
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				for each of the last t completed years as on 31-Mar-2010 with a consistent growth path	Crores for each of the year	over certificate from CA
			2	Bidder's experience in the field of IT and System Integration	Minimum 5 years	Copy of any order which is more than 5 years old
			3	System Integration Projects implemented/being implemented, by Bidder in last 5 Years covering Hardware, Software, Databases, etc.	Minimum 3 Such Projects each of order value of Rs 10 Crores or above	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
			4	IT Project executed/being executed, in last 5 years in power sector in generation or distribution or transmission.	Minimum 1 such project of order value of Rs 20 Crores at least	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
			5	Bidder must have successfully implemented / being implemented, Standard ERP Project covering at least 4 modules out of HR, Finance, accounts, Project management, CRM , Material management, Maintenance Management etc as a large project in last 5 years involving software applications, hardware, etc. Pure Infrastructure projects would not be considered here.	Minimum 1 such project of order value of Rs 15 Crore at least.	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
			6	Bidder's manpower skills in the	Minimum 500	Certificate from

				ERP being offered here	employees	company HR head or company secretary
			7	Bidder must be an authorized system integrator for sale, support and services of the ERP Product being offered here	OEM Authorization	Certificate from OEM in favor of bidder where bidder has been authorized to resell the licenses
			8	SEI-CMMi Certification	Level 3	Copy of the valid Certificate
			10	Bidder must provide a Solvency Certificate from a Scheduled bank along with this bid document.	Rs 1000 Crores	Solvency certificate from the bank
			11	The bidder and each of the consortium members should not have been Black listed by any State or Central Government in India in the last three years for any duration. An undertaking must be submitted duly attested by the notary, by the bidder / each member of the consortium. In case of false declaration, bidder will be disqualified from the tender process and black-listed by Govt. of Rajasthan from participating in any tenders in future.	Declaration by sole bidder / all members of consortium	Certificate by the company secretary
			12	In case of a consortium, a Consortium Agreement must be submitted, duly signed by the consortium members. The Consortium Agreement must clearly specify the stake of each	Consortium Agreement with not more than 2 members	Consortium agreement

			<table border="1"> <tr> <td></td> <td>member and outline their roles and responsibilities.</td> <td></td> <td></td> </tr> </table> <p>Remaining points (#2, 3, 4 etc) of this section, remain as they are described in the original tender document.</p>		member and outline their roles and responsibilities.																
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12.	Page-65	SECTION-III-PART-III: SCOPE OF WORK	<p>2 Functional Scope Material Management comprising purchase system, purchase order management and stock and inventory management is added</p> <p>3 Business Volumes and Performance Requirements Table showing the transactions and volume is revised as under</p> <table border="1"> <thead> <tr> <th>Transactions</th> <th>Volume</th> </tr> </thead> <tbody> <tr> <td>Billing – LT (AVVNL, Ajmer)</td> <td>20 Lakhs SQL/ Foxpro flat files per month approx</td> </tr> <tr> <td>Billing – HT (AVVNL, Ajmer)</td> <td>5000 paper forms per month approx.</td> </tr> <tr> <td>Billing – LT (JVVNL, Jaipur)</td> <td>20 Lakhs SQL/ Foxpro/ Oracle flat files per month approx</td> </tr> <tr> <td>Billing – HT (JVVNL, Jaipur)</td> <td>5000 per month approx.</td> </tr> <tr> <td>Billing – LT (JdVVNL, Jodhpur)</td> <td>20 Lakhs Access per month approx</td> </tr> <tr> <td>Billing – HT (JdVVNL, Jodhpur)</td> <td>5000 Paper forms per month approx.</td> </tr> <tr> <td>No. of Customers</td> <td>Approximately Billing is done to 35 lakhs consumers per month (there is bi monthly billing system) of all types</td> </tr> <tr> <td>No. of Employees</td> <td>In all approx. 50000 for all distribution companies.</td> </tr> </tbody> </table>	Transactions	Volume	Billing – LT (AVVNL, Ajmer)	20 Lakhs SQL/ Foxpro flat files per month approx	Billing – HT (AVVNL, Ajmer)	5000 paper forms per month approx.	Billing – LT (JVVNL, Jaipur)	20 Lakhs SQL/ Foxpro/ Oracle flat files per month approx	Billing – HT (JVVNL, Jaipur)	5000 per month approx.	Billing – LT (JdVVNL, Jodhpur)	20 Lakhs Access per month approx	Billing – HT (JdVVNL, Jodhpur)	5000 Paper forms per month approx.	No. of Customers	Approximately Billing is done to 35 lakhs consumers per month (there is bi monthly billing system) of all types	No. of Employees	In all approx. 50000 for all distribution companies.
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History of Purchase Order etc	5 Years										
13.	Page-84	SECTION-III-PART-IV: Functional Requirements	<p>Point#1 of this section is being modified as below –</p> <p>The bidder may kindly note that the functional requirements mentioned here are for the purpose of having basis business requirements of proposed ERP modules and not to construe that this is exhaustive requirements of the ERP modules. It is clarified that idea behind giving the functional requirements in the RFP was to facilitate the prospective bidders with the As-Is functions of the DISCOMs. However, the given functional requirements are just indicative. The selected bidder as</p>								

			<p>part of the scope of work will have to conduct the "As-Is" study for catering the actual functional requirements. On the basis of such requirement gathering the final system will be designed.</p> <p>Following is being added to the point#2 of this section –</p> <p>Functional requirement matrix of Material Management module has been added.</p>				
14.	Page-14	SECTION-III-PART-V: Other Technical Requirements and General Technical Conditions	1. Schedule of Requirement:				
			Sr No	Activity	Broad Configuration/ Specification	Quantity	Remarks
			1	Procurement of standard OEM ERP package comprising following modules: Financial Accounting, Cost Accounting & Management Controlling, Human Resources & India Payroll, Project control & project systems, material and store management and as an overarching functional requirements, Analytical tools and capabilities in above modules Document Management System (DMS) will also be provided. The licensing will be either on the processors based or enterprise wide license, in	As per Specification of product	1 Lot	--

				any case the user based license will not be accepted. (Source code of customization part will be provided to JVVNL)			
			2	To provide RDBMS (database) software on per CPU license / enterprise wide license	MS-SQL (Latest version) will be preferred for better integration, however, the bidder may quote as per requirement of their system	1 Lot	MS-SQL will be preferred with the view that the same has been proposed in RAPDRP
			3	Operating system for server as per CPU basis / enterprise wide license	MS windows Enterprise server (latest version)	1 Lot	
			4	To provide Data base server with Rack in cluster fail over mode	4* CPU, Quad Core @ 3.1 GHz scalable to 8CPU, 32GB RAM, 4*146 HDD, 4*GbE, DVD	1 set at DC & 1 set at DR	Sizing is done as per Discom's view, however the bidder has to check the compatibility of the same and he can quote higher

							configuration, but he can't reduce the configuration given here. The prime responsibility to maintain SLA's lies with the bidder.
			5	To provide Application server with Rack in cluster failover mode	4* CPU, Quad Core @ 3.1 GHz scalable to 8CPU, 32GB RAM, 4*146 HDD, 4*GbE, DVD	1 set at DC & 1 set at DR	Sizing is done as per Discom's view, however the bidder has to check the compatibility of the same and he can quote higher configuration, but he can't reduce the configuration given here. The prime responsibility to maintain SLA's lies with the bidder.

				6	To provide DMS server with requisite applications with Rack in cluster failover mode	2* CPU - Quad Core @ 2.66GHz, 8GB RAM, 2*146 HDD, 4*GbE, DVD-RW, DAT	1 set at DC & 1 set at DR	Sizing is done as per Discom's view, however the bidder has to check the compatibility of the same and he can quote higher configuration, but he can't reduce the configuration given here. The prime responsibility to maintain SLA's lies with the bidder.
				7	Digitization of all employee data for all three Discoms	As per Specification	About 50,000 employees	
				8	Data migration from legacy system with respect to finance, accounts, material management, HR and project management for all three Discoms	As per Specification	Lumpsum	
				9	Adobe PDF writer with full functionalities	Standard software - Desktop licensee	3 (One for each Discom)	
				10	FMS for 5 years	As per SLA's	1 Lot	

				11	To provide upgrades (Latest version as and when issued) for application, data base and OS with AMC of application software	Upgrades mean to provide latest version as and when released by OEM during FMS period. It is clarified that upgrades is different from updates		
				12	Integration with RAPDRP scheme	As per specification		
				13	Project Management, Change Management and Training (Class room training)	As per Specification		
<p>Licensing policy of application & other Software: The clause is revised as under –</p> <ul style="list-style-type: none"> I. The bidder will quote licensing requirement based on processers licensing / enterprise wide license on the basis of user will not be accepted. II. The bidder may provide Enterprise wide license. OR the bidder may provide licenses based of CPU/core. The bidder, in both cases, shall quote single cost of application, database, OS and other software including license fees, five year AMC and provision of upgrades. 								

15.	Page-286	SECTION-IV-PART-I: Bid Forms Technical Offer	<p>Table 12: Pre Qualification Criteria for offered ERP Package, has been revised as under -</p> <table border="1"> <thead> <tr> <th data-bbox="779 285 888 380">Sr. No.</th> <th data-bbox="888 285 1350 380">Pre-Qualification criteria</th> <th data-bbox="1350 285 1654 380">Qualification Criteria</th> <th data-bbox="1654 285 1976 380">Supporting documents to be submitted</th> </tr> </thead> <tbody> <tr> <td data-bbox="779 380 888 672">6.</td> <td data-bbox="888 380 1350 672">ERP OEM must have presence in India.</td> <td data-bbox="1350 380 1654 672">Minimum 7 years</td> <td data-bbox="1654 380 1976 672">Copy of relevant certificates from ROC/copy of oldest P.O. received from any organization establishing the presence of ERP OEM</td> </tr> <tr> <td data-bbox="779 672 888 997">7.</td> <td data-bbox="888 672 1350 997">Annual Turnover of the ERP Product OEM in World for last three completed years with a consistent growth path.</td> <td data-bbox="1350 672 1654 997">Not below USD 5 Billion per annum in World</td> <td data-bbox="1654 672 1976 997">Copy of audited financial results for the last 3 years. It is clarified that global turn-over/global Annual report of ERP OEM shall be considered.</td> </tr> <tr> <td data-bbox="779 997 888 1386">8.</td> <td data-bbox="888 997 1350 1386">No. of successful implementations/implementation in progress in Power Generation, Transmission & Distribution utility industry</td> <td data-bbox="1350 997 1654 1386">Minimum 3 live implementations /implementation in progress where Finance, Material Management, HR, Projects and Payroll is implemented/being implemented.</td> <td data-bbox="1654 997 1976 1386">Copy of Purchase Order / Contract agreement entered with the customer / Customer's Name and Details with an authorization from the OEM's authorized legal signatory.</td> </tr> <tr> <td data-bbox="779 1386 888 1416">9.</td> <td data-bbox="888 1386 1350 1416">The ERP Product must have</td> <td data-bbox="1350 1386 1654 1416">The architecture</td> <td data-bbox="1654 1386 1976 1416">Certificate from OEM</td> </tr> </tbody> </table>	Sr. No.	Pre-Qualification criteria	Qualification Criteria	Supporting documents to be submitted	6.	ERP OEM must have presence in India.	Minimum 7 years	Copy of relevant certificates from ROC/copy of oldest P.O. received from any organization establishing the presence of ERP OEM	7.	Annual Turnover of the ERP Product OEM in World for last three completed years with a consistent growth path.	Not below USD 5 Billion per annum in World	Copy of audited financial results for the last 3 years. It is clarified that global turn-over/global Annual report of ERP OEM shall be considered.	8.	No. of successful implementations/implementation in progress in Power Generation, Transmission & Distribution utility industry	Minimum 3 live implementations /implementation in progress where Finance, Material Management, HR, Projects and Payroll is implemented/being implemented.	Copy of Purchase Order / Contract agreement entered with the customer / Customer's Name and Details with an authorization from the OEM's authorized legal signatory.	9.	The ERP Product must have	The architecture	Certificate from OEM
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8.	No. of successful implementations/implementation in progress in Power Generation, Transmission & Distribution utility industry	Minimum 3 live implementations /implementation in progress where Finance, Material Management, HR, Projects and Payroll is implemented/being implemented.	Copy of Purchase Order / Contract agreement entered with the customer / Customer's Name and Details with an authorization from the OEM's authorized legal signatory.																				
9.	The ERP Product must have	The architecture	Certificate from OEM																				

					<p>the vertical and horizontal scalability to take care of the increase in no. of users, increase in geographical locations, must have inherent integration and functionalities which should be present between all core modules required in this RFP, must comply to all the statutory rules and legalities of Indian geography , must be capable of supporting bi-directional interfaces with the custom built legacy applications (given in this RFP) with minimal of development effort with the use of standard objects.</p>	<p>must support the architecture required for SOA , must be database independent, must have been implemented in a utility distribution company with consumer base > 5 lakhs, capability to support growth in geographical locations running on the same instance</p>	<p>Product Vendor with respect to following:</p> <ul style="list-style-type: none"> VI. Should support multiple databases like Oracle / DB2 / MS-SQL VII. It supports SOA architecture VIII. Max. No. of user base with which any implementation has been done in a utility company IX. Max. No. of geographical locations running on a single instance X. Certificate indicating that it supports all the prevailing statutory rules, tax laws and legalities of Indian govt. and a capability to take care of the same w.r.t. frequent changes time 	
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				3	System Integration Projects implemented/being implemented, by Bidder in last 5 Years covering Hardware, Software, Databases, etc.	Minimum 3 Such Projects each of order value of Rs 10 Crores or above	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
				4	IT Project executed/being executed, in last 5 years in power sector in generation or distribution or transmission.	Minimum 1 such project of order value of Rs 20 Crores at least	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
				5	Bidder must have successfully implemented / being implemented, Standard ERP Project covering at least 4 modules out of HR, Finance, accounts, Project management, CRM , Material management, Maintenance Management etc as a large project in last 5 years involving software applications, hardware, etc. Pure Infrastructure projects would not be considered here.	Minimum 1 such project of order value of Rs 15 Crore at least.	Copy of work order and completion certificate. In case of project under implementation, project status report from the purchaser.
				6	Bidder's manpower skills in the ERP being offered here	Minimum 500 employees	Certificate from company HR head or company secretary
				7	Bidder must be an authorized system integrator for sale, support and services of the ERP Product being offered here	OEM Authorization	Certificate from OEM in favor of bidder where bidder has been authorized to

						resell the licenses	
				8	SEI-CMMi Certification	Level 3	Copy of the valid Certificate
				10	Bidder must provide a Solvency Certificate from a Scheduled bank along with this bid document.	Rs 1000 Crores	Solvency certificate from the bank
				11	The bidder and each of the consortium members should not have been Black listed by any State or Central Government in India in the last three years for any duration. An undertaking must be submitted duly attested by the notary, by the bidder / each member of the consortium. In case of false declaration, bidder will be disqualified from the tender process and black-listed by Govt. of Rajasthan from participating in any tenders in future.	Declaration by sole bidder / all members of consortium	Certificate by the company secretary
				12	In case of a consortium, a Consortium Agreement must be submitted, duly signed by the consortium members. The Consortium Agreement must clearly specify the stake of each member and outline their roles and responsibilities.	Consortium Agreement with not more than 2 members	Consortium agreement

Page-300, Section-IV-PART-II: Bid Forms Price Proposal, is revised as under ----

Price Proposal

PRICE PROPOSAL TO BE FURNISHED BY THE BIDDER ON ITS LETTER HEAD

The Superintending Engineer [IT & CRP]

Jaipur Vidyut Vitran Nigam Limited
 Old Power House Premises
 Near Ram Mandir
 Jaipur-302 006

SUB: To implement "OFF the shelf" OEM ERP web based solution in Rajasthan Electricity Distribution Companies against your TN 35.

Dear Sir,

We have received tender specification No TN 35. We are submitting our financial proposals as under. The detailed quoted price in accordance with the specification is as under:

Item Description	Type	Unit	Qty	FOB (per unit)	Freight & Insurance (per unit)	Excise Duty	Excise Duty (per unit)	CST/ VAT	Sales & other taxes (per unit)	Any other levies (per unit)	Total Cost (per unit)	Total Cost
Hardware/ Equipment				Rs.	Rs.	%	Rs.	%	Rs.	Rs.	Rs.	Rs.
Application Server in cluster failover mode		Set	2									
Database Server main		Set	2									

applications in cluster fail-over Mode												
DMS server with requisite applications for document management in cluster failover mode		Set	2									
Rack for above servers		No.	1									
Sub Total												
Software												
Standard OEM ERP package comprising following modules: Financial Accounting, Cost Accounting & Management Control, Human Resources & India Payroll, Project control & project systems, material management & store management and as an overarching tool Document Management System (DMS) will be provided. The licensing will be on the processers based and not on user based (Source code of customization part will be provided to JVVNL). The charges are inclusive of providing upgrades (Latest		Lot	1									

version as and when issued) for application, data base and OS with AMC of application software for 5 years.													
Sub Total													
Basic Software License													
Software Licenses- Server OS	Micr osoft Win dow s Ente rpris e Serv er	Lot	1										
Software Licenses- Databases on Active Servers		Lot	1										
Adobe PDF writer with full functionalities		No	3										
Sub Total													
Miscellaneous Charges													
Project Management, Change Management, Training (Class room training) and Data Migration		LS	1										

from legacy system												
Installation, Testing and Commissioning/ Customization Cost and Integration with RAPDRP system		LS	1									
Digitization of all employee data for all three Discoms		No	50,000									
FMS charges for five years		Year	5									
<i>Sub Total</i>												
<i>Grand Total</i>												

We understand that the quantity of total records to be digitized as mentioned is only for the purpose of evaluation. We will digitize all the records irrespective of the quantity on unit rate basis.

(Signature).....

Date :

(Name).....

Place :

(Designation).....
(Common Seal).....

Other General Clarifications -

These clarifications and modifications shall be applicable on respective parts of the bid.

- I. In order to develop the system in a redundant manner the application server, database server and DMS server at both DC and DR locations will be in cluster failover mode.
- II. The DMS server should be along with the DMS application.
- III. Concurrency factor should be 40%.
- IV. It is clarified that the intention of the bid that the system should be run on windows/Linux OS is limited only for server, and not at desktop location. The system should run on all industry standard explorers at desktop.
- V. It is clarified that it is not intended in the bid that the system should run on all industry standard RDBMS. It is clarified that the system may run on Oracle/DB2/MS-SQL etc. However in any case the bidder has to integrate the existing database under R-APDRP which is MS-SQL.
- VI. It is clarified that the bidder has to quote either CPU based license or Enterprise Wide License for application and database.
- VII. It is clarified that there may be addition of some more companies/ Discoms in future, the licensing policy should be able to take care of the same with the existing license at no additional cost to DISCOM.
- VIII. It is clarified that idea behind giving the functional requirements in the RFP was to facilitate the prospective bidders with the As-Is functions of the DISCOMs. However, the given functional requirements are just indicative. The selected bidder as part of the scope of work will have to conduct the "As-Is" study for catering the actual functional requirements. On the basis of such requirement gathering the final system will be designed.
- IX. It is clarified that the Payroll solution is required for all 50,000 employees and all employees should be able to view pay slip and leave record and a lot of self service functionalities like creating leave in system, approving leave in system, maintain bank data, personnel address, view Form 16, Travel planning and other such services.
- X. It is clarified that the instances can be common for three Discoms. The process requirements given in the functional requirement matrix is at global level. During the AS-IS Study there is a possibility that at certain Discoms there is a requirement of some additional functionality, change in process and data mapping. At any given instant of time, it should be possible to segregate the data of 3 Discoms at the database level at ease.

- XI. It is clarified that the exact scope of Bi-directional interfaces with the custom built applications (which are there in scope of R-APDRP) at the field level will be decided during the business blueprint. In general, interfaces must cover everything which has a financial (payables, receivables, taxes and duties, pricing), costing (moving average price, standard cost, cost center accounting), inventory (qty. and value) , employee database (in case of interface with CRM) and reporting implications on all ERP Modules for preparation of consolidated trial balance , reconciliation requirements and month end closing purposes.
- XII. It is clarified that the number of Circle Offices, Divisional Offices and Head Offices mentioned in the tender are just of the reference, and bidder is required to evaluate the same at the time of conducting the "As-Is" study.
- XIII. In any case at least 25% of the total deployed personnel should be from the CVs submitted along with the bid.
- XIV. Requirement of password protection, and user access management shall be discussed at the time of "As-Is" study with the selected vendor.
- XV. It is clarified that the total number of employees of all the Discoms is approx. 50,000.
- XVI. The bidder in the bid response form against the indicative functional requirements of each module will intimate the availability of functionality as per the following –
 - FC – Full Compliance
 - CC – Compliance with customization
 - N/A – Not Available

Functional Requirements of Material Management module are enclosed below –

Material Management System			
Requirement Description	FC	CC	N/A
General Features			
System should be web enabled for procurement activities			
Able to support e-procurement for the supply of goods and services, for power Distribution utility related capital works projects, inventory, non-inventory, maintenance and customers			
Able to online integrate with all other functions within the system eg. Budget, Financial. Project Management, facility management etc.			
Able to integrate workflow and other email applications			

Able to provide the same menu driven functionality as other applications in Rajasthan Discoms.			
Able to back up information either in system or tape or any other electronic media			
Ability to record and track contract related information.			
Ability to record auto generated triggers on various relevant triggering events.			
Procurement Requirements			
Requisition Management			
Able to display budget available for their unit / project / work / asset before creating purchase requisition			
Able to display lead time for purchasing material by material number/ material group before creating purchase requisition			
Able to capture the following information, but should not be limited to,			
<input type="checkbox"/> Quantity			
<input type="checkbox"/> Budget Code			
<input type="checkbox"/> Cost Center/ Project/ Sub-project/ Work order code/ Fixed Asset			
<input type="checkbox"/> Entry date			
<input type="checkbox"/> Forecast usage date etc			
Field offices or HO departments should able to send on-line requirement requests to centralized procurement unit			
Able to generate requisitions for demand from other functional areas within the system e.g. capital works, Transport and Maintenance, M&P etc			
Able to create manual requisitions for materials, non-material or services			
Able to handle requisitions for different types of purchases e.g. non-stock materials, stock materials, services, assets, contract labor etc			
Able to capture the requisition originators name and details			
Able to assign requisition number automatically			
Able to provide user defined text fields for requisition details, special instructions			
Able to attach item specifications (picture, document) to requisition items and be able to view the details upon inquiry			
Able to check duplicate 'purchase requisition' creation by checking information keyed in. If it is duplicate as the previous keyed in purchase requisition, the system should automatically generate warning message on-line.			
Able to authorize requisitions electronically on line based upon predefined criteria e.g. value, department, type of purchase etc			
Able to automatically determine the authorizer of a requisition based upon predefined criteria e.g. MD, Director, CE, XEN, Manager, etc			
Able to change the requisition and resubmit for approval as above			

Able to track and record all changes made to a requisition and produce reports of the changes made upon request			
Able to cancel requisition and automatically return commit budget			
Able to track and record the status of a requisition e.g. not approved / approved			
Able to transfer / archive old requisitions for materials or services that is no longer required in tape or other appropriate electronic media and easy to retrieve data when required			
Able to allow for quick requisition creation for commonly purchased items e.g. use of a requisition template			
Able to provide facility to print out hard copies of requisitions for approvers or users			
Able to make certain fields within the requisition mandatory, view only, etc.			
Able to enter a valid account number or project to be charged for the requisition item.			
Able to counter on-line check with the budget. Message will appear if no budget is available or exceed the budget when entering the requisition accounting details.			
Able to change messages from warning to error message or error to warning			
Able to lock budget if requisition has been approved			
Requisition Reporting/ Enquiry			
Able to produce requisition reports for all requisitions captured in the system by specified user criteria e.g. requisition number, status, date, material number, description, originator etc			
Able to have user-friendly reporting/ query tools that can extract data and produce reports in various formats without the need for technical skills			
Able to print reports for requisitions and / or send to another user			
Able to drill down within a report to the requisition details			
Able to allow authorized users to display a requisition details upon request			
Request for Proposal (RFP)			
Ability to develop RFP documents and to capture relevant information in the database.			
Ability to publish RFP and respond to any questions with regards to the RFP online through company's portal with collaboration tools in place.			
Ability to facilitate advertisement to invite tenders from the public/potential bidders.			
Request for Quotation (RFQ) Management			
Able to integrate on-line to other functional areas within the system e.g. Purchase order			
Able to create an RFQ either manually or automatically from an authorized requisition			
Able to check duplicate RFQ's creation by checking information keyed in. If it is duplicate as the previous keyed in RFQ (user-specific time), the system should automatically generate warning message on-line.			
Able to select and assign vendors to RFQ's determined either by the user or automatically via the system e.g. vendors for a specific product or service			

Able to automatically warn and monitor vendors who has bad history with reasons when assigning vendors to RFQ based upon user-defined criteria			
Able to warn and monitor material history with reasons based upon user-defined criteria, such as materials damage during warranty period			
Able to escalate the RFQ awaiting approval, if no action taken within a specified timeframe, using workflow technology			
Able to allow approver to reject the RFQ and automatically return to the originator with a reason for rejection using workflow technology			
Able to change the RFQ and resubmit for approval as above			
Able to track and record all changes made to an RFQ and produce reports of the change made upon request e.g. no. of changing times, historical records before changing			
Able to record and track the initial price that vendor offers, negotiate price (more than one record) and final price			
Able to track and record the status of an RFQ e.g. not approved, approved			
Able to transfer (archive) old RFQ's for materials or services that are no longer required to tape and easy to retrieve data when required			
Able to allow for quick RFQ creation for commonly purchased items e.g. a template for regular types of RFQ			
Able to provide facility to print out hard copies of RFQ's for approvers			
Able to make certain fields within the RFQ mandatory, view only, etc			
Able to counter check with the budget. Message will appear if no budget is available or exceed the budget when entering the RFQ			
Able to enter and store vendor response information into RFQ's online			
Able to perform online evaluation of the responses based on predefined criteria			
Able to include user defined weighting factors in RFQ evaluations			
Able to store physical 'vendor responses' in the system and attach to the RFQ referenced			
Also able to retrieve the responses and print when required			
Able to print RFQ details on demand			
Able to perform an online evaluation of the vendor to whom the RFQ is to be sent			
Able to send RFQ response details to another user			
Able to link to vendors database to gain vendors details, if available			
Ability to search the bidders database, rank and select the bidders that have the capability to fulfill the identified product specifications.			
Ability to call for online clarifications from bidders.			
Ability to perform best-fit bidder analysis based on user defined parameters.			

Ability to communicate with referrals sent out, send out standard forms or request for visit or telephonic reference checking procedure.			
Ability to maintain earnest money deposit (EMD) register.			
RFQ Reporting / Enquiry			
Able to report and track all changes made to an RFQ and print the changes, if required			
Able to report the status of a RFQ e.g. awaiting approval, approved			
Able to produce reports of RFQ's by user defined criteria e.g. RFQ number, vendor, material number, originator, department responsible, authorizer etc			
Able to have a user-friendly reporting/ query tools that can extract data and produce reports in various formats without the need for technical skills			
Able to attach documents and / or specifications to RFQ's to be sent to a vendor			
Able to view the documents or specifications prior to attaching to the RFQ			
Able to display the RFQ details on demand			
Able to display the RFQ status on demand			
Able to report those RFQ about to close			
Able to allow authorized users to display the RFQ evaluation results and details			
Able to link with intranet/internet for bid's announcement			
Purchase Order Management ("LI" and "PO")			
Able to integrate on-line with other system functionality e.g. requisitions, contracts, RFQ, inventory, budget			
Able to create manual purchase orders for materials, non material or services			
Able to handle purchase orders for different types of purchases e.g. non-stock materials, stock materials, services, assets, contract labor etc			
Able to create purchase orders automatically for items with predefined conditions established in the system			
Able to create purchase orders with multiple delivery addresses			
Able to capture the requisition originator's name and details in the purchase order, if applicable			
Able to assign purchase order number automatically or manually			
Able to provide user defined text fields for purchase order details, special instructions			
Able to attach item specifications to purchase order items (picture, document) and be able to view the details upon inquiry			
Able to check duplicate purchase order creation by checking information keyed in, if it's duplicate as the previous keyed in purchase order (user-specific time), the system should automatically generate warning message on-line.			
Able to authorize purchase orders electronically on line based upon user defined criteria e.g. value, department, type of purchase etc			

Able to automatically determine the authorizer of a purchase order based upon predefined criteria e.g. below 1 lakh, above 10 lakhs etc			
Able to escalate the purchase order awaiting approval, if not actioned within a specified timeframe, using workflow technology			
Able to change the purchase order and resubmit for approval as above			
Able to track and record all changes made to a purchase order and produce reports of the change made upon request			
Able to cancel purchase order and automatically return commit budget			
Able to track and record the status of a purchase order e.g. not approved, approved			
Able to transfer old purchase order for materials or services, that are no longer required, to tape and in a manner that is easy to retrieve data when required			
Able to create a purchase order for the same vendor from different requisitions			
Able to add lines to a purchase order as required			
Able to allow for quick purchase order creation for commonly purchased items			
Able to provide facility to print out hard copies of purchase orders for approvers			
Able to make certain fields within the purchase order mandatory, view only, etc			
Able to enter a valid account number or project to be charged for the purchase order item			
Able to counter check on-line with the budget. Message will appear if no budget is available or exceed the budget when entering the purchase order accounting details			
Able to request vendor acknowledgement for a purchase order			
Able to enter duty, freight cost, storage costs, admin costs, transit storage costs and handling charges details for a whole purchase order and for each item.			
Able to enter multiple delivery dates for items in a purchase order e.g. each line item may have a different delivery date or multiple line item delivery dates			
Able to enter multiple cost code for a line item, e.g. an item maybe split between 1 or more capital works projects or cost accounts			
Able to enter and store specific terms of trade or payment in a purchase order e.g. payment by letter of credit, due 20th of the month following etc			
Able to enter vendor discounts in the purchase order payment details			
Able to define the output of a purchase order e.g. printed, electronic transfer, faxed etc			
Able to define the printed purchase order details and physical appearance e.g. attach the corporations logo etc			
Able to create a purchase order from multiple requisitions.			
Able to create multiple purchase orders from one requisition.			
Able to purchase item with different unit of measure from inventory unit.			
"LOI" or Purchase Order Reporting / Enquiry			

Able to report and track all changes made to a "LOI" or purchase order			
Able to report the status of a "LOI" or purchase order e.g. awaiting approval, approved			
Able to produce reports of "LOI" or purchase orders by user defined criteria e.g. purchase order number, vendor, material number, originator, department responsible, authorizer etc			
Able to produce purchasing history for procurement department in order to analysis their performance by monthly, quarterly, yearly, etc.			
Able to have a user-friendly reporting/ query tools that can extract data and generate reports in various reporting formats without the need for technical skills			
Able to attach documents and specifications to purchase orders			
Able to view the documents or specifications prior to attaching to the purchase orders			
Able to display the purchase order details on demand			
Able to print a copy of the purchase order on demand			
Able to report those purchase orders due or overdue			
Able to flag overdue or about to become due purchase orders to the originator automatically			
Able to view historical transactions against the purchase order			
Able to request acknowledgement of the purchase order from a vendor			
Able to record purchase order acknowledgements from a vendor in the order			
Able to track those purchase orders which have not been acknowledged			
Able to reprint requests for purchase order acknowledgement			
Able to track purchase order due dates and produce reports to originators of overdue purchase orders			
Able to issue / print reminder notices and send to vendors either electronically or manually			
Able to track the reminder notices sent and any subsequent responses received from a vendor			
Able to produce purchase order outstanding report			
Able to maintain vendor performance data for deliveries made against a purchase order			
Able to capture delivery or shipping information relating to a purchase order			
Able to report the delivery or shipping information relating to a purchase order			
Able to produce reports of vendor performance based on predefined performance criteria			
Contract Management			
Able to integrate on-line to other functional areas within the system e.g. requisitions, RFQ's, purchase orders, vendors etc			
Able to create a contract either manually or automatically from an authorized order			
Able to check duplicate contract creation by checking information keyed in. If it's duplicate as the previous keyed in contract (user-specific time), the system should automatically generate warning message on-line.			
Ability to assign vendors to a contract determined either by the user or automatically via the system			

<input type="checkbox"/> Able to warn and monitor vendors who has bad history with reasons when assigning vendors to contract based upon user-defined criteria, such as			
<input type="checkbox"/> Late Delivery			
<input type="checkbox"/> Material damages during delivery exceed by 10% etc			
<input type="checkbox"/> Able to warn and monitor material history with reasons based upon user-defined criteria, such as			
Materials damage during warranty period			
Able to track and record the status of a contract e.g. not approved, approved			
Able to transfer (archive) old contracts for materials or services that are no longer required to tape or other electronic media and easy to retrieve data when required			
Able to provide facility to print out hard copies of a contract for approvers or vendors			
Able to counter on-line check with the budget. Message will appear if no budget is available or it exceeds the budget when entering a contract manually			
Able to print contracts on demand			
Able to link to vendors database to gain vendor's details			
Contract Reporting / Enquiry			
Able to attach document and specifications to contracts			
Able to view the documents or specifications prior to attaching to the contracts			
Able to display the contract details on demand			
Able to display the contract status on demand			
Able to report those contracts about to expire either delivery or warranty period			
Able to report contract usage and performance data e.g. how often used, vendor performance on contracted terms etc			
Able to report contract validity dates			
Able to view historical transactions against the contract			
Able to request acknowledgement of the contract from a vendor after sending			
Able to record contract acknowledgements from a vendor in the contract detail			
Able to track those contracts which have not been acknowledged			
Able to reprint requests for contract acknowledgement			
6.4 Purchase Order Receipt			
Consignment Receipt			
Able to allow users to receipt purchase orders online			
Able to create consignment receipt follow on partial delivery			
Able to check duplicate consignment receipt creation by checking information keyed in. If it's duplicate as the previous keyed in consignment receipt (user-specific time), the system should automatically generate warning			

message on-line			
Able to receive materials, non material or services against a purchase order and store the details of the consignment receipt in the system			
Able to record item details upon consignment receipt e.g. item serial numbers, batch numbers, user text etc Serial number field must have a minimum of 14 characters and allow alphanumeric entries			
The consignment receipt details captured should include the following items, but should not be limited to:			
<input type="checkbox"/> Quantity			
<input type="checkbox"/> Packing slip numbers			
<input type="checkbox"/> Carrier name			
<input type="checkbox"/> Time of receipt			
<input type="checkbox"/> Receipting person name			
<input type="checkbox"/> Quality information			
<input type="checkbox"/> Reference contract no.			
Able to correct or reverse an incorrect consignment receipt			
Able to set user-defined criteria or conditions for quality inspection on-line			
Able to check criteria or condition for quality inspection item by item on-line			
Able to store quality inspection details for an item in the system and subsequent recording of the results of the inspection to be recorded			
Able to reject a consignment receipt yet still enter the details into the system to enable tracking and vendor performance to be captured, if quality inspection not pass			
Able to identify the reasons to accept materials which do not meet PTCUL's specification and conditions to accept e.g. fine			
Able to track no. of inspection for each vendor in order to analysis vendor performance			
Purchase Order Receipt			
After quality inspection passed, the system should automatically or manually create purchase order receipt follow on consignment receipt details			
Able to create one purchase order receipt from various consignment receipt			
Able to correct or reverse an incorrect purchase order receipt			
Able to automatically warn if delivery date meet upon user-defined criteria e.g. before delivery date 15 days			
Able to maintain an audit trail of those items received and store the information against the purchase order			
Able to capture receipt information by way of a bar code scanning device			
Able to produce either bar code labels or standard labels for an item upon receipt			
Able to produce a goods received note with details of the receipt etc			
Able to produce reports which detail the receipt information			

Details should, among others include:			
<input type="checkbox"/> PO number			
<input type="checkbox"/> Date of receipt			
<input type="checkbox"/> Item received etc.			
Able to display receipt information immediately once the receipt action is completed			
Able to allow partial delivery			
Able to record the delivery of items to their destinations			
Able to print off an expected receipts report e.g. date, purchase order, value, items etc			
Able to automatically recognize the payables liability at the time of receipt and update the inventory control account with the value of the receipt			
Able to optionally accrue expense purchases at the time of receipt or at period end			
Able to provide the facility to track, manage, and reconcile non invoiced receipts of all items when a period is closed			
Able to online integrate with all other functions within the system e.g. financial, inventory. stores, project management etc			
6.6 Vendor Record Management			
Automatic or manual vendor number assignment			
Able to integrate with Accounts Payable (AP) and purchasing			
Able to maintain either vendor lists and trade vendor, non-trade vendor			
Able to define different types of vendors e.g. domestic vendors, international vendors etc			
Able to control the ability to create and change vendor data			
Able to store vendor list details e.g. company history, saleable model (picture), shipment, payment method			
Able to capture vendor data sufficient to enable normal business transactions to be completed e.g. vendor name, number, address, contact details, payment methods, payment terms, payment currency, alternative addresses, email address etc			
Able to block vendors from being used due to a specific reason e.g. vendor bankrupt, vendor unreliable etc			
Able to change vendor information by authorized users and track those changes made			
Able to produce a report of changes made to vendor masters i.e. bank account number changed			
Able to delete vendors no longer required by the corporation			
Able to retain vendor history for all vendors within the system e.g. purchasing history, payment history etc			
Able to provide the ability to store vendor specific information relating to an item / vendor relationship.			
Minimum vendor/item information includes:-			
<input type="checkbox"/> Vendor name and address			
<input type="checkbox"/> Payment terms			
<input type="checkbox"/> Vendor Price/Quantity Price			

<input type="checkbox"/>	Price break ups			
<input type="checkbox"/>	Requisition number and department			
<input type="checkbox"/>	Free form comments (at header or line)			
<input type="checkbox"/>	Delivery information			
<input type="checkbox"/>	Item number and description			
<input type="checkbox"/>	Discounts			
<input type="checkbox"/>	Vendor performance			
<input type="checkbox"/>	After sales service performance (during warranty)			
<input type="checkbox"/>	Text information			
Able to track and compute number of delay days from delivery date due and set user-defined criteria to compute costs				
Able to maintain a preferred vendor listing for a specific item e.g. item A001 has 3 preferred vendors ABC, DEF. and XYZ				
Able to restrict the ability to create purchase orders only for those preferred vendors e.g. item can only be purchased from a preferred vendor				
Able to capture free form text information or notes relating to a vendor record e.g. reasons for no longer using a specific vendor				
Able to capture vendor specific purchasing information to be printed on all purchase orders for the vendor e.g. orders created on vendor ABC should have a note, "Delivery must be accompanied by the vendors delivery docket type ABC / XY25"				
Able to group vendors into like vendor types e.g. stationery suppliers, electrical suppliers, service suppliers etc				
Able to report vendor details based upon the vendors grouping e.g. list all vendors who supply electrical materials and the value of those purchases				
Able to capture automatically vendor performance and produce report by reason code, instances of: -				
<input type="checkbox"/>	Rejected materials			
<input type="checkbox"/>	Missed Delivery			
<input type="checkbox"/>	Early Delivery			
<input type="checkbox"/>	Wrong location			
<input type="checkbox"/>	Incomplete delivery			
<input type="checkbox"/>	Returns due damage, over supply etc			
<input type="checkbox"/>	Average number of days late			
<input type="checkbox"/>				
Able to report vendor performance based on the above criteria				
Able to capture vendors selection criteria for various purchasing documents				
Able to capture vendors transactions history with the corporation				

Able to provide Year-end commitment processing - facility to carry forward commitment.			
System must provide a facility to maintain any number of summary commitment accounts. Summary accounts must be updated when the detail accounts are updated			
Able to view period-to-date, quarter-to-date, year-to-date vendor balances			
Able to block vendor for payments			
Able to provide automatic updates of vendor database			
Ability to generate vendor reports by outstanding orders, orders shipped but not received, and overdue outstanding orders, that is, orders not fulfilled by the agreed time period			
Ability to perform evaluation on the basis of multiple parameters such as Quality of material supplied, Quantity of material supplied, Adherence to delivery schedule, and Prices quoted by the vendor			
Ability to rate vendors on the basis of weights assigned to each parameters.			
Allow multiple weight age calculations for multiple classes of vendors.			
Ability to trigger refunds to unsuccessful bidders on fulfillment of user defined criterion (such as award of contract to successful bidder) and successful vendor			
Ability to capture TDS details, PAN number, vendor's bank name and account details on party master record.			
Ability to generate goods returned to supplier report that shows the items returned to supplier by:			
Location,			
Vendor,			
PO number,			
Category,			
Product code,			
Reasons for return, and			
Value			
Ability to provide vendor's' past history and performance details in terms of:			
Delivery lead time,			
Number of wrong deliveries,			
Number of imitation parts/goods supplied, and			
Number of stock-outs			
Inventory Management			
Maintain Storage Data			
Able to support multiple physical stores, locations and bin locations Including the physical description of each location			
Able to support all locations both main location and sub locations			
Able to support both Weighted Average costing and Standard costing FIFO			
Able to integrate to third party software i.e. bar code readers etc			

Able to change stock location descriptions			
Able to transfer old stock locations no longer required to tape etc. and easier to retrieve data			
Able to provide functions to display warning message when nearly material life (upon user-defined), but do not pick to use.			
For storage, ability to pop up warning message if the storage have the are nearly to expire (6 months before expiry date ,e.g)			
Able to store material movement history in each storage and material item e.g. slow moving or no moving			
Able to query and print report stock movement online and real time. For example, but should not be limited to:			
<input type="checkbox"/> Storing life			
<input type="checkbox"/> Separate by stock movement life cycle e.g. 1 year, 1-2 year, 2-3 year and over 5 years			
<input type="checkbox"/> Separate by stock status			
<input type="checkbox"/> Latest issuing date			
Able to query and produce stock turnover reports separate by material code, material type, storage, etc.			
Able to produce online reports for stock locations e.g. materials in a stock location, stock movements, historical data, stock values, expected receipts etc			
Able to produce online reports for outstanding stocks and stock value (total cost, unit cost) separate by material code, material type, storage, etc.			
Able to create different types of storage locations e.g. pick face, high racks, bulk and include dimensions and capacity for each individual location			
Able to record different classes of stocks e.g. electrical, spares, project stock, mechanical etc			
Able to transfer stocks and update the system immediately and automatically			
Able to write off or dispose of stocks and update the system immediately and automatically			
Able to capture and track all stock movements within the system			
<input type="checkbox"/> Receipts			
<input type="checkbox"/> Issues			
<input type="checkbox"/> Transfers			
<input type="checkbox"/> Quarantined stock			
<input type="checkbox"/> Transfer to obsolete stock			
<input type="checkbox"/> Returns to vendor			
<input type="checkbox"/> Consignment stock movements			
<input type="checkbox"/> Transfers to scrapped stock			
Able to record and track inventory status:			
<input type="checkbox"/> Obsolete			
<input type="checkbox"/> Scrapped / surveyed off			

<input type="checkbox"/>	Restricted use			
<input type="checkbox"/>	Blocked			
<input type="checkbox"/>	In transfer			
<input type="checkbox"/>	Under repair			
<input type="checkbox"/>	Available for issue			
<input type="checkbox"/>	Special project stock			
<input type="checkbox"/>	Reserved stock			
<input type="checkbox"/>	Vendor consignment stock			
Able to define additional stock status				
Able to track and maintain records of vendor consignment stocks e.g. those stocks held in PTCUL sites but do not belong to PTCUL until consumed				
Able to assign a service level to an inventory item e.g. critical items may have a service level of 100% while those less critical may only have 50%. The service level should be considered by the system when order proposals are produced				
Able to report service levels of inventory items to enable reviews to take place				
Able to classify inventory by ABC for various actions e.g. stock takes, criticality etc				
Able to hold inventory values in the system in various forms e.g. weighted average cost, standard cost, zero cost etc				
Able to track and maintain inventory costs in different currencies				
Able to track and maintain different values for the same item e.g. item A1 has a quantity of 3 in stock - one piece @ Rs. 20.00 and two pieces @ Rs. 22.00				
Able to freeze inventory for stock take purposes				
Able to produce stock take schedules based upon predefined criteria e.g. A items counted 12 times per year, B items counted 6 times per year and C items counted 2 times per year.				
Able to produce stock count sheets based on storage locations and or bin locations				
Stock count sheets should contain sufficient details to enable counters to complete the task				
Details should include:				
<input type="checkbox"/>	Item number			
<input type="checkbox"/>	Item description			
<input type="checkbox"/>	Stock Location			
<input type="checkbox"/>	Bin location			
<input type="checkbox"/>	Unit of measure			
<input type="checkbox"/>	Alternate units of measure			
<input type="checkbox"/>	Free text			
Able to record the results of a stock count in the system				

Able to provide an analysis of the results of the stock count for further actions to be taken, if required			
Ability to recount those stock items which are at variance with the system prior to correcting the values in inventory			
Able to record a possible reason for the variance in the system			
Able to electronically approve variances to stock counts by authorized persons based on predefined criteria i.e. value of discrepancy, type of item etc			
Able to produce reports of discrepancies for inventory items counted			
Able to analyze trends for variance items e.g. item Z1 is always 1count down on stock count for past 5 counts			
Able to report those items not counted in a specific location			
Able to support multiple unit of measure for one material			
Material Resource Planning (MRP) Management			
Able to assign MRP conditions to a material (new, used, overhauled ,refurbished)			
Able to execute MRP runs online or in batch mode for groups of items, locations or individual items			
Able to simulate MRP runs online			
Able to create individual MRP settings for each item of inventory (condition code capability to allow each item/condition to be uniquely planned and inventoried, as well as carry its own cost			
Able to define safety stock holding for individual inventory items			
The system should be capable of determining the optimal order quantity for an item based upon the criteria defined and demand within the system from other functional areas e.g. capital works projects, sales etc			
The system should be capable of performing MRP to optimize stock holdings for a given storage location			
Able to change / maintain MRP settings for an item			
Able to view the results of an MRP run prior to actionizing the proposed transactions			
The MRP results to take into account capital works project items original target date, revised target date, project status etc			
The ability to alert a user that an item is required but is within normal vendor lead times or the required by date has passed and no action has been taken			
Able to allocate an item to a specific MRP controller or responsible person			
Able to change the MRP results listings manually			
Able to delete MRP results manually			
Able to action the MRP results list automatically if required			
Able to print the MRP results list if required			
Reservation Management			
Able to create a manual reservation for inventory materials			
Able to create reservations automatically from within a capital works project, maintenance job, etc			
Able to perform an availability check at the time the reservation is created either manually or automatically			

Able to provide the following details in the reservation:			
<input type="checkbox"/> Reservation number			
<input type="checkbox"/> Date of reservation			
<input type="checkbox"/> Requestors name and details			
<input type="checkbox"/> Stock location			
<input type="checkbox"/> Material part number			
<input type="checkbox"/> Material description			
<input type="checkbox"/> Quantity required			
<input type="checkbox"/> Batch information			
<input type="checkbox"/> Date required			
<input type="checkbox"/> Accounting information (capital works project, G/L etc)			
<input type="checkbox"/> Delivery address			
Able to change reservation either manually or automatically from another functional area within the system			
Able to track changes made to a reservation within the system			
Able to report changes made to a reservation			
Able to display a reservation from within another functional area within the system			
Able to delete a reservation for items no longer required			
The system should be capable of deleting a reservation automatically if demand from another functional area is changed e.g. capital works project is cancelled all reservations should be deleted or cancelled			
Able to enter a reason for cancellation of a reservation			
Able to report those current reservations within the system and action accordingly e.g. produce pick lists of reservation items to be delivered			
Able to produce reports of outstanding reservations yet to be picked			
Able to produce reports of reservations for a specific job, capital works project etc			
Able to print a reservation details on demand			
Able to print reports for reservations giving details of each			
Able to capture material returns information e.g. those items returned from a capital works project as they are no longer required			
Able to capture returns of inventory for items partially consumed e.g. cable drum issued with 500m and returned 200m			
Able to credit the value of the returned materials to the job or capital works project it was originally issued to			
Material Issues Management			
Able to create a material issue from within the system			
Able to support issuing material to expense in each unit			
Able to issue stocks to remote stations which may not be on the system			

Able to display 'available for issuing' material in each storage in message when issued material before posting			
Able to issue material via reservation and/or directly and/or integrate transaction from purchase order			
Able to print out material issue slip via system			
Able to return material to storage directly (no need to pass procurement system first) and automatically update information to relevant system			
Able to print out material return slip via system			
Able to produce pick lists for those items awaiting issue to a capital works project, maintenance job, transfer request or over the counter issue			
Able to define the details of the pick list printed e.g. the information printed in the pick list			
Able to produce collective pick lists for item to be supplied to the same destination, user or job etc			
Able to confirm the pick list has been picked, packed and issued			
Able to display the status of a pick list e.g. being picked, being packed, issued etc			
Able to record goods issue once they have been picked and packed etc			
Able to display material issue transactions awaiting goods issue confirmation			
Able to change a goods issue details if required e.g. quantity, material number etc			
Able to produce the following online reports, but should not be limited to:			
- Issuing material to cost center, capital works project, etc.			
- Issuing material report separately by material type, storage, etc.			
Manage re-order level			
Ability to generate alerts on safety stock quantity.			
Ability to generate reports and analysis of future demand forecasts/trends based on historical data such as consumption, lead-time and inventory expiry date.			
Ability to provide on line available inventory status			
Ability to initiate purchase requisition for re-orders automatically.			
Ability to generate annual stock requirements based on past consumption and annual maintenance plan.			
Ability to trigger stock replenishment exercise for all stock items on basis of various parameters such as:			
<input type="checkbox"/> Reorder level,			
<input type="checkbox"/> Safety level,			
<input type="checkbox"/> Consumption			
Ability to send suggested ordering quantity and delivering schedule to concerned department and automatically converts the same to purchase requisition.			
Ability to compute inventory carrying cost			
Classification of inventory items			
Accounting			
Ability to process all transactions online.			

Ability to consolidate total inventory levels available at all the stores.			
Ability to accumulate and provide YTD/MTD/monthly information on following by part code/product ID:			
<input type="checkbox"/> Receipts,			
<input type="checkbox"/> Stock adjustments,			
<input type="checkbox"/> Scraps,			
<input type="checkbox"/> Returns to suppliers, and			
<input type="checkbox"/> Returns from customers.			
Ability to incorporate following inventory valuation methods:			
FIFO/ LIFO/ weighted average,			
Standard, and			
Actual cost			
Spares and inventory Management			
Logistics Management			
The system should support the spares replenishment process for both local sub inventory replenishment such as area offices and for field engineering orders.			
Replenishment for store and field engineer sub inventories can be either automated or manual depending on user requirements.			
If a field engineer needs a part for a specific service request and task, the part order is linked to the task and can be shipped to wherever the field engineer needs the part			
A field engineer or supervisor should be able to indent for required spares and receive them into his location/sub-inventory.			
It should be possible to process request transfers of parts between locations. The system should provide the ability to minimize inventory excesses by managing the return of excess parts or replaced parts that can be repaired and utilized.			
Integration with Service Applications			
Inventory management should be closely integrated with the service application.			
Field engineers and dispatchers should be able to order parts and view the status of parts orders from Service or Mobile Service applications.			
The integration with the job assignment application should consider parts availability when automatically scheduling jobs			
Reporting			
Ability to generate comparative analysis reports by:			
Price,			
Quality,			
Delivery schedule,			

Payment terms,			
Orders, and			
User defined parameters.			
Ability to generate requisition reports by:			
End user,			
Item,			
Status,			
Purchase requisition lead time analysis,			
Outstanding purchase requisition, and			
Purchase requisition ageing.			
Ability to generate exceptional reports such as:			
<input type="checkbox"/> Purchases without purchase order,			
<input type="checkbox"/> Acceptance of goods without inspection,			
<input type="checkbox"/> Direct purchases at stores/substations, and			
<input type="checkbox"/> Purchases from unapproved/unlisted vendor.			
Ability to generate report on arrival schedules (based on lead time/promised dates).			
Ability to perform purchase order lead time analysis.			
Ability to generate and print as and when required outstanding purchase order report that shows all outstanding orders or backorder which are not fulfilled yet.			
Ability to generate purchase order listing that shows listing of purchase orders processed by:			
User,			
Purchase site/location,			
Product category,			
Date,			
Range,			
Vendor,			
Quantity procured,			
Unit cost,			
Total costs, and			
Total commitment by the individual purchase number and total commitment for the range of purchase orders.			
Ability to generate goods receipt audit trail that shows all goods receipt done by:			
Specific user location,			
Date range,			
Quantity received,			

Purchase order number/range,			
Unit cost,			
Total costs,			
Supplier invoice or delivery order number.			
Ability to generate and print purchase order cancellation/ amendment report as and when required which shows all purchase orders that have been amended or cancelled by user and the specified dates/period.			
Ability to generate and print report as and when required that shows all purchase orders, which have been partially fulfilled. The report should list:			
Items that have been fulfilled with total value, and			
Items, which are still outstanding and not fulfilled yet with total value.			
Ability to do listing by user id, vendor, specified period, purchase order number range, product category, locations and cost centre /client.			
Ability to generate goods returned to supplier report that shows the items returned to supplier by:			
Location,			
Vendor,			
PO number,			
Category,			
Product code,			
Reasons for return, and			
Value.			
Ability to generate overdue purchase order report that shows all purchase orders which have not been fulfilled by:			
Stipulated deadlines,			
Line,			
Items, and			
Vendor.			
Ability to generate purchase orders aging report that shows aging of approved purchase orders by:			
<input type="checkbox"/> Number,			
Rupee value,			
Vendor,			
Product, and			
Period.			
Ability to generate purchase order audit trail that shows all purchase orders processed, edited/amended, cancelled or void.			

Ability to handle price variations and be able to account it to the material batch supplied by the vendor and make payments accordingly			
Ability to track the the PBG and SBGs furnished by the bidders and their expiry and creation of alerts about validity of the BGs			
Ability to customize the standard solution to meet the requirement of Discoms			
Material Issue Management			
Ability to record Indent information			
Ability to record all stores issues and adjustments through an audit trail.			
Ability to track and display the status of each Indent			
Ability to generate alerts of issues which are due			
Ability to produce and print gate pass for issues. Gate pass should be generated for materials issued against release order			
Ability to generate Material Receipt Certificate (MRC). Payment to vendors should happen only after MRC is recorded in the system			
Ability to generate Material Receipt Acknowledgement (MRA) and issue it to Division/sub division on accepting defective materials from the site			
Ability to decrement the store inventory and increment the inventory at the divisions once the gate pass is released			
Able to produce pick lists for those items awaiting issue to a capital works project, plant maintenance job, customer job, transfer request etc			
Able to produce collective pick lists for item to be supplied to the same destination, user, job etc			

Able to capture delivery information within the system e.g. transportation type, carrier details, dimensions, weights etc			
Able to change a goods issue details if required e.g. quantity, material number etc			
The system should handle the transfer of material from one store to other. The system should generate the transfer vouchers.			
The system should be able to record and track the details of the disposal of scrap			
Supplier Details Maintenance			
Ability to specify a default (preferred) supplier for each item stored.			
Able to define different types of vendors e.g. employee vendors, domestic vendors, international vendors etc			
Able to maintain a vendor master file			
Able to control the ability to Create/Delete/Change vendor data and track the changes			
Ability to select alternative suppliers.			
System to display contract renewal date			
Maintain last purchase price for each item, for each supplier.			
Ability to record quality of goods supplied by supplier.			
Ability to record Terms and conditions of supplier.			
Able to warn and monitor vendors who have bad history based upon user-defined criteria such as late delivery, material damage during delivery exceeds more than 10% etc			
Ability to generate vendor reports by outstanding orders, orders shipped but not received, and overdue outstanding orders, that is, orders not fulfilled by the agreed time period			

Ability to provide vendor rating mechanism			
Ability to deduct penalties from the security deposit of the vendors in case of any violation of terms and conditions			
Goods received Management			
The system should record goods received against the purchase order and highlight any variation in quantity received.			
Goods received note to be entered into the system against the purchase order number.			
Able to create one purchase order receipt from various consignment receipt			
Date entry screen to show what was actually ordered in the specified purchase order			
Ability to edit actual number received from that displayed with proper authorization			
Ability to provide status of goods received into the system as received but not ready for distribution (i.e., awaiting quality control or serial numbering etc).			
Ability to provide real time available inventory status. This should be possible store wise			
Ability to receive part orders, but only with appropriate authorization.			
Goods received details to be automatically transferred to the Accounts Payable system for payment after approval from the concerned authorities. Payment should happen only once the stores acknowledges the receipt of goods in good condition			
Able to store quality inspection details for an item in the system and subsequent recording of the results of the inspection to be recorded			
Ability to block certain material for a particular project so that it is not issued for anything else			
Ability to link an item with other items, even if they are supplied by different vendors			

Ability to track materials damaged during handling/transit and this shortfall should be adjusted in the inventory			
Ability to generate and maintain Daily material received details (DRR report)			
Able to reject a consignment receipt yet still enter the details into the system to enable tracking and vendor performance to be captured			
The system should maintain and track the details of the rejected material.			
The system should be able to record the release order details. This should provide a brief of the requirement of the site offices and the material available at store.			
The system should be able to track the details of the authority letter. This contains the details who has sanctioned and the person responsible for releasing the materials etc			
Material Issue Management			
Ability to record Indent information			
Ability to record all stores issues and adjustments through an audit trail.			
Ability to track and display the status of each Indent			
Ability to generate alerts of issues which are due			
Ability to produce and print gate pass for issues. Gate pass should be generated for materials issued against release order			
Ability to generate Material Receipt Certificate (MRC). Payment to vendors should happen only after MRC is recorded in the system			
Ability to generate Material Receipt Acknowledgement (MRA) and issue it to Division/sub division on accepting defective materials from the site			

Ability to decrement the store inventory and increment the inventory at the divisions once the gate pass is released			
Able to produce pick lists for those items awaiting issue to a capital works project, plant maintenance job, customer job, transfer request etc			
Able to produce collective pick lists for item to be supplied to the same destination, user, job etc			
Able to capture delivery information within the system e.g. transportation type, carrier details, dimensions, weights etc			
Able to change a goods issue details if required e.g. quantity, material number etc			
The system should handle the transfer of material from one store to other. The system should generate the transfer vouchers.			
The system should be able to record and track the details of the disposal of scrap			
Maintenance of Records			
The system should be able to handle the links between the stores, regions and the circle. (Assign stores to regions, circles)			
Ability to maintain accurate stores records and have the ability to consolidate, on an entity wide basis, quantities on-hand.			
Ability to increment Stores records by goods received notes and goods returned notes and decremented by material transfer notes and by goods issued to jobs etc.			
Ability to generate a flexible stores item code as per the requirement.			
Ability to access stores items by item number (bin number) or description, alternative item number or vendor number.			
Ability to maintain multiple levels of stores item classification including product group, class, size, item,			

reference, import/export item etc.			
Ability to maintain quantity on hand, quantity committed to current work, quantity on order, free balance; quantity on backorder.			
Ability to administer multiple stores locations.			
Ability to consolidate stores on hand over all locations.			
Ability to maintain and track the details of each materials sent to each DC			
Ability to maintain issue details, issue date, receipt details, receipt date, balance at any point of time			
Ability to record stock in transit between stores			
Ability to calculate average lead time and reorder levels.			
Ability to calculate economic reorder quantities, record standard order multiples or minimum			
Ability to calculate minimum/maximum stock levels			
Ability to view orders placed on any particular month/ period			
Ability for the portable data entry units to read bar codes.			
Ability to classify items as inventoried and non-inventoried.			
Ability to reconcile value of stocks issued with works orders completed and in progress.			
Ability to categories stores items by holding objective, i.e., consumables, spares, emergency etc.			
Handling Other Charges			
Ability to allow cost of freight, insurance and miscellaneous charges as required to be added to the purchase price for imported items			

Ability to allow for miscellaneous charges to be added to the purchase price for local purchases			
Ability to have a stock write down facility reducing the stock valuation based on the pricing method			
The system should be able to handle the material overheads, the costs other than the cost of material like transportation should be booked under the cost of material			
Stocktaking Support			
Able to produce stock count sheets based on storage locations and or bin locations			
Ability to record the date each stores item was last checked			
Ability to provide lists of stores items scheduled for checking			
Ability to generate alerts on safety stock quantity			
Ability to enter actual stock take quantities via hand held devices.			
Ability to enter manual stock adjustments with specific authorisation			
Ability to record and track inventory status like - Obsolete, Scrapped, Restricted use, Blocked, In transfer, Under repair, Available for issue, Special project stock, Reserved stock, Vendor consignment stock, additional user defined stock status			
Able to produce stocktaking schedules based upon predefined criteria e.g. Items counted 12 times per year, B items counted 6 times per year and C items counted 2 times per year.			
Able to enquiry and produce stock turnover reports separate by material code, material type, storage, etc.			
Able to produce online reports for stock locations e.g. materials in a stock location, stock movements, historical data, stock values, expected receipts etc			
Able to produce online reports for outstanding stocks and stock value (total cost, unit cost) separate by material code, material type, storage etc			

The system should be able to calculate the Stock value of each material through various stock evaluation methods			
Report Generation			
Ability to provide accurate and timely management information including but not limited to the following:			
Stock status reports by location and consolidated			
Monthly summary of stores items issued both item as well as Division wise.			
Report on Inter store transfer details (both issue and receipts)			
Reorder report for items reaching reorder level.			
Historical demand information by month			
Profile forecasting for projected stock level based on demand to date			
ABC and XYZ analysis reporting and indicating buffer stock and investment requirements to give nominated levels of protection against stock-outs.			
Issue of items issued by site location in any specified month/period			
Issue of items against project number			
Issue of items against job number			
List of slow moving items/non-moving items			
Printing of bar code labels			
Ability to generate comparative analysis reports based on price, quality, delivery schedule, payment terms and other user defined parameters			

Ability to generate exceptional reports such as: Purchases without purchase order, Acceptance of goods without inspection, Direct purchases at field offices, cash purchases and Purchases from unapproved/unlisted vendor.			
Ability to generate requisition reports, PO listings, goods receipts, goods returned to supplier etc			
Provide screen inquiry to display stock level by line item code			
List forward purchase commitment by months.			
Print goods received audit trail.			
Report on unmatched purchase order, receipts, invoices etc.			
Produce audit trail of changes to vendor information.			
Provide screen inquiry to display purchased for the month by product code and supplier, and status of payment.			
Provide screen inquiry to display up-to-date status of creditor account by supplier.			
Provide screen inquiry and report of all unpaid bills.			
Ability to generate reports and analysis of future demand forecasts/trends based on historical data such as consumption, lead-time, inventory expiry date, warranty period.			