

Corrigendum - 01
Tender No. WTL/CT/HW/13-14/002 Dated 08.07.2013

Sl. No.	Page	Section & Clause	Item	Present Entry	Replace with
C-1	24	D & 48	Taxes & Duties	<ul style="list-style-type: none"> • The prices shall be inclusive of all taxes & levies including Service Tax. However the rate of taxes should be indicated separately in the Price Bid. The Purchaser shall reimburse taxes and levies at actual as applicable at the time of delivery. • The Purchaser shall be authorized to deduct any tax as applicable from the bidder. • For the purpose of the Contract, it is agreed that Contract Price specified in Price Bid, is based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission date. If any rate of tax changes and new tax rate is introduced then it will be accessed on the Bidder in connection with the performance of the Contract, an equitable adjustment of the Contract Price or deduction there from as the case may be. • Deduction of all statutory and necessary Tax from each bill will be made as per Government Order prevailing at the time of payment. Necessary tax deduction certificate will be issued on demand by the Company. • Bidder submitting a tender shall produce up to date VAT, Income Tax and Profession Taxes Certificate in the standard form from the Tax Authority or a Certificate that the assessment is under consideration. All such clearance certificates shall remain valid on the last date of permission. 	<ul style="list-style-type: none"> • The prices shall be inclusive of all taxes & levies including Service Tax. However the rate of taxes should be indicated separately in the Price Bid. The Purchaser shall reimburse taxes and levies at actual as applicable at the time of delivery. • For the purpose of the Contract, it is agreed that Contract Price specified in Price Bid, is based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission date. • Deduction of all statutory and necessary Tax from each bill will be made as per Government Order prevailing at the time of payment. Necessary tax deduction certificate will be issued on demand by the Company. • Bidder submitting a tender shall produce up to date VAT, Income Tax and Profession Taxes Certificate in the standard form from the Tax Authority or a Certificate that the assessment is under consideration. All such clearance certificates shall remain valid on the last date of permission.
C-2	41	I / A1 / 2	SPEC-CPU2006 Rates	SPECPU2006 Rates: SPECint_rate_base2006 >=500 (Make and Model of quoted servers must be certified for SPECint_rate_base2006 (version 1.2) as per www.spec.org	SPECPU2006 Rates: SPECint_rate_base2006 >=600 (Make and Model of quoted servers must be certified for SPECint_rate_base2006 (version 1.2) as per

				a. Provide printout of certifications from www.spec.org b. the same will be verified as applicable from www.spec.org	www.spec.org a. Provide printout of certifications from www.spec.org b. the same will be verified as applicable from www.spec.org
C-3	41	I / A1 / 3	Memory	i Memory >=512 GB	i Memory >=512 GB using on minimum 1333Mhz. memory module
C-4	41	I / A1 / 3	Memory	viii. DDR Freq. 1600 Min	viii. DDR Freq. 1066 Minimum
C-5	42	I / A1 / 4	VGA & Others	ii 2 Nos. of Video Ports.	ii 1 No. of Video Port.
C-6	43	I / A2 / 2	SPEC-CPU2006 Rates	SPEC CPU2006 Rates: SPECint_rate_base2006 >=350 +- 5% Make and Model of quoted servers must be certified for SPECint_rate_base2006 (version 1.2) as per www.spec.org a. Provide printout of certifications from www.spec.org b. the same will be verified as applicable from www.spec.org	SPEC CPU2006 Rates: SPECint_rate_base2006 >=350 Make and Model of quoted servers must be certified for SPECint_rate_base2006 (version 1.2) as per www.spec.org a. Provide printout of certifications from www.spec.org b. the same will be verified as applicable from www.spec.org
C-7	43	I / A2 / 3	Memory	i Memory >= 192 GB	i Memory >=192 GB using on minimum 1333Mhz. memory module
C-8	43	I / A2 / 3	Memory	viii. DDR Freq. 1600 Min	viii. DDR Freq. 1066 Minimum
C-9	43	I / A2 / 4	VGA & Others	ii 2 Nos. of Video Ports.	ii 1 No. of Video Port.
C-10	44	I / A2 / 9	FC HBA	FC HBA For Backup Server Only	FC HBA for all servers
C-11	52	I / A9 / 1	vii	vii) Support minimum 2 Gbps L7 throughput form day one	vii) •Support minimum 4 Gbps L7 throughput form day one • The device should have minimum 2 Gbps of SSL throughput upgradeable upto minimum 3 Gbps
C-12	52	I / A9 / 1	ix	ix) Support 10000 SSL TPS from Day one	ix) Support 20000 SSL TPS (2048 bit encryption) from day one
C-13	54	I / A9 / 6	i	i) Dual Power Supply	i) 1no. Power Supply
C-14	54	I / A9 / 6	ii	ii) Dual fan	ii) 1 no. fan
C-15	--	---	---	----	Details on Oracle softwares BoM are in corrigendum – 02
C-16				The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an	This determination may include fraud/miss-representation by the bidder on visits or interviews with the Bidder's client's reference in its bid, site inspection, and

				examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures. At the time of post-qualification, Directorate of Commercial Taxes may also carry out tests to determine that the performance or functionality of the Information System offered meets those stated in the detailed Technical Specification.	cross examination of any submitted document and any other measures by appropriate authority. At the time of post-qualification. This determination may also include Directorate of Commercial Taxes may also carry out tests to determine that the performance or functionality of the Information System offered meets those stated in the detailed Technical Specification.
C-17		Any where in RFP		CTD will provide Oracle Database and Application software to bidder	This statement stands deleted. The Bidder has to provide all Oracle related software as per corrigendum - 02 & 03
C-18	75-76	R	Price Bid	----	Revised as in Corrigendum - 03

Corrigendum - 02
Tender No. WTL/CT/HW/13-14/002 Dated 08.07.2013

TABLE A22.1 – Oracle RDBMS & Application Software Component Requirements

Item	Version	Matrix	Term	License	Product Support (For five years)	Software Update (For Five years)
Oracle Database Enterprise Edition including software update and Product support	11g R2	Processor	Perpetual	Yes	Yes	Yes
Oracle Real Application Cluster Edition including software update and Product support	As applicable	Processor	Perpetual	Yes	Yes	Yes
Oracle Diagnostic Pack Edition including software update and Product support	As applicable	Processor	Perpetual	Yes	Yes	Yes
Oracle Tuning Pack Edition including software update and Product support	As applicable	Processor	Perpetual	Yes	Yes	Yes
Oracle Weblogic Suite Edition including software update and Product support	10.3.6	Processor	Perpetual	Yes	Yes	Yes
Oracle Web tier Edition including software update and Product support	As applicable	Processor	Perpetual	Yes	Yes	Yes
Weblogic Server Management Pack Enterprise Edition Edition including software update and Product support	As applicable	Processor	Perpetual	Yes	Yes	Yes
Oracle Golden Gate including software update and Product support	11g R2	Processor	Perpetual	Yes	Yes	Yes
Oracle Database 11g Standard edition	11g R2	Processor	Perpetual	Yes	Yes	Yes

TABLE – A22 – ORDBMS & Application Software with Features / Specification

SI. No.	Software with License (nos. as applicable / Minimum 5 years / Perpetual License)	Nos. of Processor License (As per quoted Hardware) to be field in by the bidder
1	Oracle Database Enterprise Edition including software update and Product support	
2	Oracle Real Application Cluster Edition including software update and Product support	
3	Oracle Diagnostic Pack Edition including software update and Product support	
4	Oracle Tuning Pack Edition including software update and Product support	

5	Oracle Weblogic Suite Edition including software update and Product support	
6	Oracle Web tier Edition including software update and Product support	
7	Weblogic Server Management Pack Enterprise Edition Edition including software update and Product support	
8	Oracle Golden Gate Enterprise Edition including software update and Product support	
9	Oracle Database 11g Standard edition	04

Other Requirements:

1. All software to be provided with appropriate media and license (as applicable).
2. The bidder should provide the Annual Technical Support cost for the First (1st) year separately and not clubbed with the license cost. The Annual technical support should contain the software update and upgrade within the scope.
3. The bidder should separately provide the Annual Technical Support cost in a year-wise break up from the second year onwards till the five years.
4. Selected Vendor to provide Manpower support at user site for installation, maintenance and tuning of Database and Web logic Suite.
5. Directorate of Commercial Taxes may require the successful bidder to provide 16 nos. of Oracle Database Enterprise Edition, Oracle Web Logic suit, Web Logic Enterprise Management pack, Oracle Web Tier and other related software for existing servers as earlier as 7 days of work order.

Corrigendum - 03
Tender No. WTL/CT/HW/13-14/002 Dated 08.07.2013

SECTION - R

PRICE BID

(Tender No. WTL/CT/HW/13-14/002)

Table - I : Price Details

Sl. No.	Item Description	Qty.	Unit	Unit Price (Rs.)	Total Amount (Rs.)	VAT Rate (%)	VAT Amount (Rs.)	Service Tax Rate (%)	Service Tax Amount (Rs.)	Total Amount including Tax (Rs.)
A. For all Hardware, OS, LAN supply & work & Rack										
1.	Server (Server Type – A1)	04	No							
2.	Server (Server Type – A2)	14	No							
3.	SAN Switch (Table A3 of section-I)	04	No							
4.	Storage (Table A4 of section-I)	02	No							
5.	Storage (Table A5 of section-I)	01	No							
6.	Backup Device (Table A6 of section-I)	03	No							
7.	Ethernet Switch (Table A7 of section-I)	07	No							
8.	Firewall with IPS (Table A8 of section-I)	03	No							
9.	Hardware Load Balancer (Table A9 of section-I)	04	No							
10.	OS with cluster kit (Preferably Open Source) Balancer (Table A10 of section-I)	At Actual								
11.	Rack mount KVM Switch with monitor (Table A11 of section-I)	04	No							
12.	42U RACK & accessories (Table A12 of section-I)	04	No							
13.	LAN supply & works and integration (Table A13 of section-I)	LS	*							
TOTAL (RS.)										
Rupees (in words)										

B. For System Integration Charge							
Sl. No.	Item Description	Qty.	Unit	Total Amount (Rs.)	Service Tax Rate (%)	Service Tax Amount (Rs.)	Total Amount including Tax (Rs.)
1.	System Integration Charge (As per Table A14 of Section-I)						
2.	System Integration Charge (As per Table A17 of Section-I)						
3.	System Integration Charge (As per Table A20 of Section-I)						
TOTAL (RS.)							

Rupees (in words)

C. For Facility Management Support Charge & Change Request Management charge								
Sl. No.	Item Description	Qty.	Unit	1 st Year Charge	2 nd Year Charge	3 rd Year Charge	4 th year Charge	5 th Year Charge
1.	Facility Management Support Charge for Five years (As per Table A15 of Section-I)	05	Year					
2.	Facility Management Support Charge for Five years (As per Table A18 of Section-I)	05	Year					
3.	Facility Management Support Charge for Five years (As per Table A21 of Section-I)	05	Year					
4.	Change Request Management charge (As per Table A16 of Section-I)	05	Year					
5.	Change Request Management charge (As per Table A19 of Section-I)	05	Year					
6.	Change Request Management charge (As per Table A22 of Section-I)	05	Year					
TOTAL AMOUNT (RS.)								
SERVICE TAX AMOUNT @12.36% (RS.)								
TOTAL AMOUNT WITH SERVICE TAX (RS.)								

Rupees (in words)

D. For All Oracle Software, Update & Support

D1. For Oracle License cost										
Sl. No.	Item Description	Qty. (To be filled by Bidder except Sl. No. 9)	Unit	Unit Price (Rs.)	Total Amount (Rs.)	VAT Rate (%)	VAT Amount (Rs.)	Service Tax Rate (%)	Service Tax Amount (Rs.)	Total Amount including Tax (Rs.)
1.	Oracle Database Enterprise Edition		No							

2.	Oracle Real Application Cluster Edition		No							
3.	Oracle Diagnostic Pack Edition		No							
4.	Oracle Tuning Pack Edition		No							
5.	Oracle Weblogic Suite Edition		No							
6.	Oracle Web tier Edition		No							
7.	Weblogic Server Management Pack Enterprise Edition Edition		No							
8.	Oracle Golden Gate Enterprise Edition		No							
9.	Oracle 11g Standard edition	04	No							

Sub Total

Rupees (in words)

D2. For Oracle Update and Support

Sl. No.	Item Description	Qty.	Unit	1 st Year Charge	2 nd Year Charge	3 rd Year Charge	4 th year Charge	5 th Year Charge		
1.	Oracle Database Enterprise Edition software update and Product support		Year							
2.	Oracle Real Application Cluster Edition software update and Product support		Year							
3.	Oracle Diagnostic Pack Edition software update and Product support		Year							
4.	Oracle Tuning Pack Edition software update and Product support		Year							
5.	Oracle Weblogic Suite Edition software update and Product support		Year							
6.	Oracle Web tier Edition software update and Product support		Year							
7.	Weblogic Server Management Pack Enterprise Edition Edition software update and Product support		Year							
8.	Oracle Golden Gate Enterprise Edition software update and Product support		Year							
9.	Oracle 11g Standard edition software update and Product support	04	Year							
SUB TOTAL AMOUNT (RS.)										

		SERVICE TAX AMOUNT @12.36% (RS.)
		TOTAL AMOUNT WITH SERVICE TAX (RS.)
	Rupees (in words)	
	Total Amount of D (Rs.) = D1 + D2	
	Rupees (in words)	

(*) Bidder has to fill the blank unit & quantity where ever applicable in the table

Table – II : Price Summary

Sl. No.	Section	Total Amount including Taxes (Rs.)
1.	A. For all Hardware, OS, LAN supply & work & Rack	
2.	B. For System Integration Charge	
3.	C. For Facility Management Support Charge & Change Request Management charge	
4.	D. All Oracle Software, Update & Support	
TOTAL AMOUNT INCLUDING TAXES		
Rupees		

(*) All entry of Table – II Price Summary should come from the relevant rows of Table – I Price Details. Incase of any mismatch, Table – I entries to be considered.

Authorized Signatory (Signature In full): _____

Name and title of Signatory: _____

Stamp of Company: _____

Replies of Queries - General

SL No	Section No	Clause No	Page No	Queries	Reason	Response
1	Section - D (Instruction to the Bidder)	10 (EMD)	15	EMD to be submitted in form of a irrevocable bank guarantee from scheduled bank.		No Change
2	Section - D (Instruction to the Bidder)	24 (Terms of Payment)	19	Request for change: The payment terms should be revised. We expect that 100% Hardware, LAN component & system software payment should be payable on or before GO-LIVE.		No Change
3	Section - D (Instruction to the Bidder)	48 (Taxes and Duties)	24	Request for change: The prices in the proposal take into account the taxes computed on the basis of the present taxes applicable with present tax rates and tax structure. Any change in applicability of taxes and the tax structure or rates, including but not limited to Goods and Services Tax (GST) that may be introduced in the future, will be to Customer's Account.		Refer to corrigendum No. 01
4	Section - D (Instruction to the Bidder)	N/A	N/A	No Period is mentioned in RFP. We suggest all invoices should be cleared within 30 days of submission and acceptance from customer after which interest will be levied at 12% pa.		No Change
5	Section - D (Instruction to the Bidder)	11	15	In the Forfeiture of EMD clause request deletion of all provisions barring the right to forfeit the EMD if the Contractor withdraws the proposal before the expiry of the validity period as the rest of the provisions are extremely inequitable and place the Contractor in an unfair position commercially.		No Change

6	Section - D (Instruction to the Bidder)	21	18	<p>In the Liquidated Damages clause request modifications as under: -</p> <p>(1) Liquidated damages to be payable only if the delay is solely attributable to the Contractor and not attributable directly or indirectly to any Force Majeure Event.</p> <p>(2) The Liquidated Damages rate mentioned in the tender document is excessive. Request LD to be computed @0.5% of the total value of the uncompleted portion of the work per week, subject to a maximum of 5 % of the total fees payable for the uncompleted portion of the work.</p> <p>(3) Request that the GoWB have the right to terminate the resultant contract in case of any material breach (arising due to reasons directly and solely attributable to the Contractor which remains uncured after a reasonable prior notice of 30 days. Further, if owing to any delay/default on the part of Contractor (arising due to reasons directly and solely attributable to it) the GoWB decides to engage the services of another vendor then in such case the Contractor's aggregate liability shall be limited to 10% of the cost of the unfinished/undelivered scope of work.</p>		No Change
7	Section - D (Instruction to the Bidder)	22	19	<p>(1) Request insertion of a standard excuse clause stipulating that the Contractor shall not be liable for any delays arising due to reasons not solely attributable to it.</p> <p>(2) Request insertion of all standard exceptions taken into consideration in the calculation of uptime.</p> <p>(3) Further, request that the cumulative value of the penalties imposed on the Contractor under any Service Level Agreement signed by the parties as well as under the resultant contract does not exceed 1% of the contract price.</p>		No Change
8	Section - D (Instruction to the Bidder)	23	19	<p>GoWB to give the Contractor reasonable prior notice of any suspension so as to minimize chances of any losses being incurred by the Contractor on account of such suspension. Delivery schedules should be extended in proportion to the time for which contract was suspended. Contractor to be reimbursed equitably for any losses incurred directly due to any unscheduled suspension.</p>		No Change

9	Section - D (Instruction to the Bidder)	24	19	<p>[TCS Internal to comment as per the commercial proposal]</p> <p>In the Terms of Payment clause request the following additions:-</p> <p>(1) All invoices and bills will be raised by the Contractor as per the payment terms and will become due for payment within thirty (30) days of presentation.</p> <p>(2) The Contractor to have the right to levy an interest at the rate of 1.5 percent per month for all payments due for more than thirty (30) days on the invoice amount calculated from the date the payment became due until the recovery is made in full with interest.</p> <p>(3) The Contractor to also have the right to withhold provision of Services in case of non-payment of payments within 30 days of receipt of invoice and any such withholding by the Contractor shall not be treated as breach of contract.</p>	No Change
10	Section - D (Instruction to the Bidder)	25	19	<p>The only indemnity being provided by the Contractor herein is third party intellectual property infringement indemnity which is already covered herein in clause 26. Hence request deletion of all indemnity provisions in this clause.</p>	No Change
11	Section - D (Instruction to the Bidder)	26	20	<p>In the Patents & Copyright clause request the following modifications to capture the intent as under:-</p> <p>(1) Request inclusion of all standard exceptions, disclaimers and conditions to Contractor's Third Party Intellectual Property Rights Infringement Indemnity. In this regard request modifications in the provision on 'remedies'. All exclusions and disclaimers have not been included.</p> <p>(2) Need to insert a clause to protect the Contractor's pre-existing intellectual property rights.</p> <p>(3) GoWB to also provide the Contractor with reciprocal Third Party Intellectual Property Rights Infringement Indemnity in relation to materials/data/information/software etc. shared during performance under the contract.</p> <p>(4) All third party software shall be governed by relevant End User License Agreement conditions signed in this regard.</p>	No Change

12	Section - D (Instruction to the Bidder)	30	20	In the Safety Measures clause request deletion of all indemnity provisions as the only indemnity being provided by the Contractor herein is the third party IP infringement indemnity. Contractor agrees to adhere to all reasonable safety requirements which are required by applicable laws in force for assignments such as the one being undertaken under the resultant contract.	No Change
13	Section - D (Instruction to the Bidder)	33 & 34	21	In the Termination clauses request the following modifications to capture the intent as under:- (1) Request that if termination is for material breach then such material breach should be for reasons solely attributable to the Contractor. Request that provisions be inserted to give an identical right to the Contractor to terminate for material breach/default. (2) In the termination clause request deletion of all references to the invocation of the PBG for deficiency in service. Termination and imposition of Liquidated Damages (as per terms herein) to be the GoWB's exclusive remedies under this contract in addition to remedies available at law. (3) Request modifications to ensure that that in case of the Contractor's bankruptcy the GoWB have a right to terminate by a simple prior written notice. This shall be the GoWB exclusive remedy in such case. (4) The Contractor to have the right to receive payments for all services performed under the resultant contract till the effective date of the termination irrespective of the grounds of termination.	No Change
14	Section - D (Instruction to the Bidder)	35	21	(1) Irrespective of the occurrence of a Force Majeure Event in clause 35 the Contractor to have the right to receive payments for all services rendered under the contract. (2) Either party to have the right to terminate in case the Force Majeure Event lasts for more than 30 continuous days.	No Change

15	Section - D (Instruction to the Bidder)	39 & 40	22	<p>[TCS Internal to comment as per the commercial proposal especially as regards the warranty support provisions]</p> <p>Request the following modifications: -</p> <p>(1) Request insertion of all standard warranty exclusions and disclaimers some of which have not been included.</p> <p>(2) Please note that all third party software will be subject to warranty provisions stipulated by the relevant 3rd party vendor(s)/OEM(s) in the relevant End User License Agreements signed in that respect.</p> <p>(3) Please modify the warranty provisions to stipulate expressly that the scope of the warranty shall be limited only to correction of any bugs that were left undetected during acceptance testing by the GoWB. Warranty shall not cover any enhancements or changes in the application software, carried out after acceptance testing. This warranty is only valid for defects against the mutually agreed specifications.</p>		No Change
16	Section - D (Instruction to the Bidder)	48	24	<p>The Tax clause needs to be modified as follows: -</p> <p>All fees payable to the Contractor to be exclusive of any sales, use, value added tax, service taxes or taxes of a similar nature measured by the services, deliverables or charges thereon, imposed by any applicable taxing jurisdiction and where such taxes are applicable, the GoWB to be responsible to pay such taxes or reimburse the Contractor the amount of such taxes. Each party shall be responsible for its own income taxes, corporate taxes and franchise taxes. Any increase or decrease in the rate of any applicable taxes, duties or levies shall be to GoWB's account.</p>		Refer to corrigendum No. 01

17	Section - D (Instruction to the Bidder)	63 & 69	26	<p>In the Acceptance Testing clause request the following additions:-</p> <p>(1) GoWB to provide the Contractor with a reasonable prior written notice prior to any inspection.</p> <p>(2) The Inspector appointed by the GoWB shall not be a competitor of the Contractor and shall agree to adhere to any security /confidentiality policies stipulated by the Contractor in this regard.</p> <p>(3) All acceptance testing, final certification, inspection (as applicable) costs if any to be borne by the GoWB.</p> <p>(4) Request that all acceptance testing, commissioning, final certification, inspection (as applicable) be conducted only against the mutually agreed specifications and parameters.</p> <p>(5) Items reported as defects that are not deviations from the immediate previously accepted baseline will be reported again as a fresh Change Request under the established Change Control/Management Procedure. Items reported through the Change Control/Management Procedure will be dealt with separately.</p>		No Change
18	Section - D (Instruction to the Bidder)	N/A	N/A	<p>There are no specific clauses on the following items in the Tender document. Request that specific clauses with respect to the following be included in the Tender document which can become part of the Contract (to be signed in relation to the current Project) in future: -</p> <p>(1) Indemnity by GoWB: specific clause delineating the scope of third party intellectual property rights infringement indemnity and general indemnity for loss to person and/or property of the Contractor being provided by GOWB/Directorate needs to be included in the tender document.</p> <p>(2) Mutual Confidentiality clause</p> <p>(3) Standard up-time commitment exclusions</p> <p>(4) Non-Solicitation Clause</p> <p>(5) Clause to Protect the CONTRACTOR's Pre-Existing Intellectual Property Rights</p> <p>(6) Clause on CONTRACTOR's right to terminate the contract for convenience and for material breach</p> <p>(7) Non- Exclusivity of CONTRACTOR clause</p> <p>(8) Dispute Resolution Clause</p>		No Change

19	Terms of Payment	24 (A)	19	<p>We request to change the payments terms as follows:</p> <p>a) 100% of Software Components against Delivery of the licenses,</p> <p>b) 50% payment of the total Hardware value will be made after successful delivery of Hardware with proper documentation.</p> <p>c) 40% payment of the total Hardware value will be made after successful migration, go-live and starting of Facility Management Support.</p> <p>d) Remaining 10% payment of total Hardware value will be released against the submission of Performance Bank Guarantee.</p>		No Change
20	Section- C	9	9	EMD: Request you to accept in BG as well.		No Change
21	Section- D	24	19	<p>Payment Terms: We request you to change the payment terms as mentioned below -</p> <p>a. 50% on Delivery</p> <p>b. Balance 50% - We request you to change this against installation as hardware partners will take payment from SI's on LC whereas, if our</p>		No Change
22	Section - C	11	10	Please change this to "The bidder shall have currently valid Quality Certification (CMMI level 5)"	We strongly suggest to change to CMM Level V as these jobs should be offloaded to SIs who are capable of delivering on time for such complicated projects	No Change
23	BRIEF TENDER DETAILS	Serial No.3	1	Kindly accept EMD in form of Bank guarantee or DD.		No Change
24			1	Request for extension of submission dates by at least ten days.		No Change

25	Payment terms	SI 24 Page No 19	19	<p>Request to modify to a) 90% payment of the total Hardware & Software value will be made after successful delivery of Hardware and System Software with proper documentation. Pro rata billing should be allowed.</p> <p>b) 5% payment of the total Hardware & Software value will be made after successful migration, go-live and starting of Facility Management Support.</p> <p>c) Remaining 5% payment of total Hardware & Software value will be released at the rate of 4% per year, at the end of each year after go-live for five years.</p> <p>(B) Systems Integration Charge</p> <p>d) 90% of the System Integration Charge will be made after successful migration, go-live and starting of Facility Management Support.</p> <p>e) Remaining 10% of the system Integration charge will be made after one month of successful go-live. Facility Management Charges</p> <p>f) Payment for Facility Management Support: Payment will be made on quarterly deferred basis. Quarterly Facility Management Support charges will be calculated as: (total value of Facility Management Support charges)/20 (20 quarter = Five years).</p>		No Change
26		5	9	<p>The bidder shall have executed "Similar Nature" of single order as System Integration in Domestic IT project for an amount not less than Rs.10 Crores in last three financial years (considering FY - 2010-11, 2011-12 & 2012-13) in Government Department/PSU/Autonomous Body. References Work order / Purchase copy along with proof of completion / Go-Live certificate for the project to be provided. ("Similar nature" includes (a) Hardware, systems & application software installation and integration at Primary site, and (b) Hardware, systems & application software installation and integration at DR site, and (c) Maintenance and management of primary & DR site.)</p>	<p>The bidder shall have executed "Similar Nature" of single order as System Integration in Domestic IT project for an amount not less than Rs.7.5 Crores in last three financial years (considering FY - 2010-11, 2011-12 & 2012-13) in Government Department/PSU/Autonomous Body. References Work order / Purchase copy along with proof of completion / Go-Live certificate for the project to be provided. ("Similar nature" includes (a) Non-IT Hardware systems installation at Primary site, and (b) Non-IT Hardware systems installation at DR site, and (c) Maintenance and management of primary & DR site.)</p>	No Change

27		6	9	The bidder should have experience in working with Oracle RDBMS 11g and Application Server 11g. Credential (Work order copy) in this respect is to be submitted.	The bidder should have experience in working with Oracle RDBMS. Credential (Work order copy/Company Secretary Declaration) in this respect is to be submitted.	No Change
28		7	9	The bidder should have minimum five number of Manpower (Minimum qualification B.E or B. Tech) for each of these skills namely (a) Project Manager (b) Server & OS (c) Network & Security (d) Oracle Database (e) Oracle Application personnel, in their payroll. Certificate from HR department with the named resources has to be submitted.	The bidder should have minimum five number of Manpower (Minimum qualification B.E or B. Tech) for each of these skills namely (a) Project Manager (b) Server & OS (c) Network & Security (d) Database in their payroll. Certificate from HR department with the named resources has to be submitted	No Change

Replies of Queries - Technical

SL No	Section No	Clause No	Page No	Queries	Reason	Response
1		li	52	Should have 10G interface as the throughput asked is more than 1 Gbps which cannot be handled by 1G interface and when ether there channel there are dependencies and might be cumbersome to implement	Asked more than 1 gbps throughput and hence need for 10G interface. All vendors have 10g interfaces and is recommended for better architecture for avoiding dependencies on the switch/ether channel for high throughput support	No Change
2		VII	52	Throughput should be 2 Gbps scalable to 4Gbps	Tender asked for scalability in interface and compression hence suggesting scalability in throughput also	See corrigendum No. 01, Sl. No.C-12
3		iX	52	SSL TPS should be 10000 scalable to 20000 on the same device	Tender asked for scalability in interface and compression hence suggesting scalability in throughput also	See corrigendum No. 01, Sl. No. C-13

4				Compression and SSL throughput of the device should be equivalent to device throughput to avoid bottleneck/delay/latency in application	To ensure that low throughput of compression (only asked 250 mbps which will be bottleneck) and SSL (not mentioned in the RFP) does not cause the poor application performance hence the throughput of the device should not reduce when enabled feature like SSL and compression. This can happen only if the provided throughputs of ssl and compression are equal to of device throughput	No Change
5				Product should be from Gartner's leaders magic quadrant for ADC	this will ensure that the customer buys the best available product which is industry leading. Leaders quadrant has three vendors who will comply so no issues of proprietary.	No Change
6	TABLE – A7: Ethernet Switch	TABLE – A7: Ethernet Switch		Each Switch Minimum Specification: i) 75 Gbps switching fabric : this should be minimum 88 gbps with 24 gigabit Ports with 4SFP and 2 Nos of 10G ii) Forwarding rate – atleast 50 Mbps : Corresponding with respect to switching capacity this should be minimum 65 Mpps iii) Configurable 5000 MAC address : This is too less for 24 port layer 3 gigabit switch . This should be minimum 16K.- Performance parameters are less with regards to web switch	Performance parameters are less with regards to web switch	No Change
7	Layer-3 Features	Layer-3 Features		The Switch supports RIPV1 and V2 and supports More advanced OSPF with IPv6 support to provide the same functionality as RIPNG		No Change
8				The throughput for Integrated module for Gateway Anti-Malware with antimalware inspection should be 6 Gbps to prevent the recent type of malware threats .	Logic-As per industry standard Spirent WebAvalanche HTTP performance test and Ixia test tools standards, appliance with 20 GBPS of firewall should give a throughput of 6 Gbps of antimalware throughput)	No Change
9				4 number of 10/100/1000Mbps interfaces on Copper, scalable upto 8 nos with SFP support and should support minimum 2 Nos. of 10Gig Interfaces with SFP support	Logic- In the near future all the ISP would terminate on fibre ports rather than copper ports.	No Change

10				The appliance should be NSS lab recommended for IPS and NGFW. Certificates for the same has to be submitted along with the BID.	Logic- NSS labs are primarily recommending NGFW (next generation firewall) basis certification of IPS	No Change
11				The Appliance should have multicore processor for parallel processing	Logic- Multicore processor helps in parallel processing of the packets, which increases the performance of the appliance.	No Change
12				The appliance should have no restriction on the size of file to be scanned, and should scan the same on the fly, without buffering.	Logic – If there is a file size restriction for scanning, packet size higher than the buffer limit would not get scanned and by pass security systems, which would create latency .	No Change
13	Section 1 - Table A1 - Server Type A1	1	41	Since the solution is expected to be on x64 platform, we request you to provide minimum guidelines for the Processor specifications including processor family, number of cores required, proc frequency etc to avoid some bidders to quote lower level processors lesser than the requirement. We also recommend to add the below clause "latest/ current generation Intel processor"		No Change
14	Section 1 - Table A1 - Server Type A1	3	41	Online Spare and Lockstep Mode are propriataty technologies available in a very few OEM which will create a unfair competition and reduces the probability of getting competitive prices for the Commercial Tax Dept.		No Change
15	Section 1 - Table A1 - Server Type A1	4	42	Since the server will be accessed with the help of remote management tool and KVM arrangement, there is no point in having 2 Video Ports in a server. We request you to reduce the number of video ports to 1 and also to reduce the number of USB ports to 4 or above.		See corrigendum No. 01, Sl. No.C-5
16	Section 1 - Table A2 - Server Type A2	1	43	Since the solution is expected to be on x64 platform, we request you to provide minimum guidelines for the Processor specifications including processor family, number of cores required, proc frequency etc to avoid some bidders to quote lower level processors lesser than the requirement. We also recommend to add the below clause "latest/ current generation Intel processor"		No Change

17	Section 1 - Table A2 - Server Type A2	3	43	Online Spare and Lockstep Mode are proprietary technologies available in a very few OEM which will create a unfair competition and reduces the probability of getting competitive prices for the Commercial Tax Dept.		No Change
18	Section 1 - Table A2 - Server Type A2	4	43	Since the server will be accessed with the help of remote management tool and KVM arrangement, there is no point in having 2 Video Ports in a server. We request you to reduce the number of video ports to 1 and also to reduce the number of USB ports to 4 or above.		See corrigendum No. 01, Sl. No.C-9
19	Table A4 - Storage	2	45	Request you to modify the clause as "Controller - b)32 GB usable Read/Write DRAM cache with host servers having direct access to the total cache for Data. .Please clarify what kind of storage is required. If Enterprise storage is not required by the customer then the max cache support should be capped at 32GB only		No Change
20	Section - F	Existing Software Setup point 10	32	It is mentioned that "Discussion Required". Kindly clarify. In case there are some discussions on new point post awarding of the project, request you to kindly provide the details in the tender.		"Discussion Required" phrase to be deleted
21	Section - F	Existing Software Setup point 5	32	Oracle Weblogic 12c is already released. Why Oracle 11g, Weblogic 10.3.x is expected for purely Java based applications and not 12c. It is recommended to stay on the latest editions of Weblogic Server		Refer to BoM for Oracle in corrigendum.
22	Section - F	Existing Software Setup point 7 & 8	32	Application migration is within the scope of the bidder but the application development document is not available. Who will be responsible for correction/ modification of the application logic/ relation flows in case there are obsolete codes/ deprecated codes available in the existing application which need to be replaced with the newer piece of code? Who will provide the necessary guidelines for the migration?		NIC will work with SI for necessary changes. Deployment & FMS will be SI's responsibility
23	Diagram - I	Schematic Diagram of Oracle Goldengate Solution	38	The goldengate replication is uni-directional or bi-directional? Is it for some tables or for the entire schema or set of schemas or for full database?		As per Tender Document in Diagram - I in Section - G
24	Section - H	Bill of Materials Clause C point 1	40	The number of Application server for the Central Server DR is 1. However, at production, it is 4. 50% of production site is maintained for the Webserver DR. Request for consideration of two application servers for Central Server DR.		No Change

25	Section - D (Instruction to the Bidder)	20 Sl. No 1 & 2	18	Request for change in timeline: In absence of Application Development document and no fixed guidelines for migration procedure, the Project Completion Time line for Webserver DC and DR should be increased from 90 to 150 days (minimum 120 days).	No Change
26	Section - F	Existing Software Setup point 7 & 8	32	Application development documentation is not present for crucial, financial, revenue earning applications. Who will provide the details of the applications and their functionality details along with interdependencies and relationships between various applications?	No Change
27	Section - F	Existing Software Setup	32	How many applications are present in the present scenario?	No Change
28	Section - B	Scope of Work and Responsibility point 9 b	6	What is the version of the database presently running along with word size and what is the size of the database to be migrated?	No Change
29	Section - B	Scope of Work and Responsibility point 9 d	6	How the reports/ interface programs can be modified when no application development document is not present?	No Change
30	Section - F	Existing Software Setup	32	Nothing is mentioned about the concurrent (average and maximum) users to the system. Kindly provide an estimate, if actuals are not possible. Please also provide the total number of users.	No Change
31	Section - B	Scope of Work and Responsibility point 16	7	Is the application/ application server to be installed on SAN as it is mentioned that storage based replication for application between DC and DR? In that case, why the application server requires high speed local HDDs.	No Change
32	Section - B	Scope of Work and Responsibility point 18 b	7	Testing of availability of the application on the DR site for both Webserver and IMPACT (understanding that Oracle dataguard databases are in managed recovery mode). Kindly clarify.	No Change
33	Section - F	Existing hardware Setup	31	Is the existing database in standalone mode? Is there any limitation on the upper limit of CPU utilization and RAM utilization? Highest Memory utilization is 97% - is this completely used or cached but free for use?	No Change

34	Section - H	Bill of Material	39	DNS is not included in the Bill of Materials for Webserver though Oracle 11g R2 (latest version) RAC database is expected. Oracle recommends usage of SCAN for high availability and scalability. Implementation of SCAN (3 IPs with a single host name) requires a DNS in production setup. Please refer to http://www.oracle.com/technetwork/products/clusterin g/overview/scan-129069.pdf for more details.		No Change
35	Section - I	Table - A9 : Hardware Load Balancer	52	Reference RFP content: SI. No. 1, Architecture: Support 10000 SSL TPS from Day one : Encryption detail is missing and same may encourage bidders to supply device with 1024 bit encryption. This will defeat the purpose as 1024 bit certificate is no more available with Certificate Authority. At the same time we recomend mentioning scalability attribute as well. So we request for amendment and same should be read as "SSL TPS (1024-bit encryption) : should support 10000 SSL TPS from Day one and scalable upto 25000 SSL TPS. SSL TPS (2048-bit encryption): should support 2500 SSL TPS from Day one and scalable upto 5000 SSL TPS"		See corrigendum No. 01, SI. No.C-13
36	Section - I	Table - A9 : Hardware Load Balancer	54	<u>Reference RFP content: SI. No. 6, Redundancy: Dual Power Supply, Dual Fan:</u> The solution is already designed for HA. Two Load Balancers at each zone would be configured in cluster to cater the load. If one dvice fails then the load would be shifted transparently to other device. High Availability is being addressed at device level and there is no requirement of dual fan/power-supply in individual device. we request for removal of these lines.		
37	Section - I	Table - A9 : Hardware Load Balancer	54	<u>Reference RFP content: SI. No. 6, Redundancy: Support transparent failover between 2 Virtual Instances configured on 2 different units:</u> We request for amendment and same should be read as " Support transparent failover between 2 Virtual Instances/ Virtual Services/ Virtual IP configured on 2 different units".		No
38	Section - I	Table - A9 : Hardware Load Balancer	52	SSL throuhput detail is missing and same is also major attribue for sizing solution. The device should have minimum 2 Gbps of SSL throughput and scalable upto 3 Gbps.		See corrigendum No. 01, SI. No.C-12

39	Section - I	Table - A9 : Hardware Load Balancer	52	<u>Reference RFP content : Sl.No.1, Architecture: Min 4 x 100/1000 Base T and upgradable to 8 x 100/1000 Base T and option for 1 no. fiber slot.</u> To match peer device (firewall) interface & connectivity attribute, the load balancer should have option for 10Gig Interface.	No Change
40	Section - I	TABLE – A7: Ethernet Switch	48 and 49	Each Switch Minimum Specification: i) 75 Gbps switching fabric : this should be minimum 88 gbps with 24 gigabit Ports with 4SFP and 2 Nos of 10G ii) Forwarding rate – atleast 50 Mbps : Corresponding with respect to switching capacity this should be minimum 65 Mpps iii) Configurable 5000 MAC address : This is too less for 24 port layer 3 gigabit switch . This should be minimum 16K.- Performance parameters are less with regards to web switch	No Change
41	Section - F	Additional Request	Additional Request	Why Oracle Weblogic is considered for the Application development and application deployment when the application concerned in Webserver tender is a purely Java based application. There are several other commercially cheaper and technically viable solutions which can host the Java Applications. For Java applications, migrations from one application server to another application server is technically always feasible. Java application development tools are almost similar and hence, with proper education and training, it is always feasible to switch to another technology providing the same performance/ functionality at a much cheaper price.	No Change
42	Diagram - I	Additional Request	Additional Request	DBVISIT is a more cheaper solution but technically equally competent with Oracle Goldengate. Why Oracle Goldengate is considered if more commercially cheaper solution is available performing the same function? Please refer to http://www.dbvisit.com/content/pdfs/Replicate_vs_Streams_vs_GG.pdf for more details. Kindly specify the functionalities of replications required for this project.	No Change

43	Section I TABLE – A1	3	41	Please change it to "viii DDR Freq. 1066 Min" Please change to "vi RDIMM/LRDIMM/"	In 2 Processor rack server technology - if memory configuration is maximum 768GB then the overall frequency drops from 1600MHz to 1066MHz due to DIMM population methodology. Please change the DDR Freq. to 1066MHz. Additionally RDIMM configuration change	See corrigendum No. 01, SI. No.C-4
44	Section I TABLE – A1, TABLE – A2	7	41, 42, 43	Please change it to "iii Dual ported casing/SmartDrive Carrier/Equivalent technology"	Better technology with SmartDrive Carrier in latest generation servers available. Request you to change the clause as "Dual ported Casing/SmartDrive Carrier/Equivalent Technology"	No Change
45	Section I TABLE – A2	3	43	Please change it to "viii DDR Freq. 1333 Min"	In 2 Processor rack server technology - if memory configuration is mamximum of 384GB than the overall frequency drops from 1600MHz to 1333MHz due to dimm population mechanism. Please change the DDR Freq. to 1333MHz.	See corrigendum No. 01, SI. No.C-8
46	Section I TABLE – A2	9	44	1 No. of dual Port 8 Gbps Fiber Channel HBA for connecting Storage in redundancy (Total 2 ports in two separate cards)	Kindly clarify that whether two single port FC HBA card required or one dual port card required ?	See corrigendum No. 01, SI. No.C-11
47	Section - B	3	8	Please share the Oracle bill of quantity that CTD will procure		Refer to BoM for Oracle in corrigendum.
48	Section - I, Table No - A8	New Clause	50	Request you to look into the scalability of Firewall and incorporate 6 to 8 nos 10G ports scalability		No Change
49	Table – A15: Facility Management Service 3. Technical Support Team (posting not required)	Pg 61		Does these resources need to be available on-call only.What would be the oncall service window where resources are not deployed ?		No Change

50	Table – A18: Facility Management Service 1. Technical Support team (posting not required)	pg 63		Does these resources need to be available on-call only.What would be the oncall service window where resources are not deployed ?		No Change
51	Table A21 – Facility Management Service 1. Technical Support team (posting not required)	pg 65		Does these resources need to be available on-call only.What would be the oncall service window where resources are not deployed ?		No Change
52	Format for Technical Manpower Details for this project	Pg 67, Sec K;		Please provide the locationwise distribution of these resources to be deployed?Also what is the service window of these resources?		No Change
53				Also clairfy whether remote access for Technical support team (where posting is not required) is to be provided or not?		No Change
54	Table -A-4	2	45	60 GB usable Read/Write DRAM cache with host servers having direct access to the total cache for Data.	This clause is specific to a certain vendor. We do support the same cache requirement with our enterprise storage offering, if customer is looking for enterprise storage then we need to change the specs and modify the specs as per enterprise storage specifications. Kindly clarify if you are looking at Enterprise Storage or Modular Storage for this. Request you to modify the clause as "Controller - 32 GB usable Read/Write DRAM cache with host servers having direct access to the total cache for Data. .Please clarify what kind of storage is required. If Enterprise storage is not required by the customer then the max cache support should be capped at 32GB only.	No Change

55	Section-I	Table - A9 : Hardware Load Balancer	Page No. 52	Reference RFP content: SI. No. 1, Architecture: Support minimum 2 Gbps L7 throughput form day one : Throughput & scalability are critical attributes while sizing overall solution for optimized applicaton delivery, which also help continuing services eve		See corrigendum No. 01, SI. No.C-12
56	Section-I	Table - A9 : Hardware Load Balancer	Page No. 52	Reference RFP content: SI. No. 1, Architecture: Support 10000 SSL TPS from Day one : Encryption detail is missing and same may encourage bidders to supply device with 1024 bit encryption. This will defeat the purpose as 1024 bit certificate is no more av		See corrigendum No. 01, SI. No.C-13
57	Section-I	Table - A9 : Hardware Load Balancer	Page No. 54	Reference RFP content: SI. No. 6, Redundancy: Dual Power Supply, Dual Fan: The solution is already designed for HA. Two Load Balancers at each zone would be configured in cluster to cater the load. If one dvice fails then the load would be shifted trans		See corrigendum No. 01, SI. No.C-14 & 15
58	Section-I	Table - A9 : Hardware Load Balancer	Page No. 54	Reference RFP content: SI. No. 6, Redundancy: Support transparent failover between 2 Virtual Instances configured on 2 different units: We request for amendment and same should be read as " Support transparent failover between 2 Virtual Instances/ Virtu		No Change
59	Section-I	Table - A9 : Hardware Load Balancer	Page No 52	SSL throuhput detail is missing and same is also major attribue for sizing solution. The device should have minimum 2 Gbps of SSL throughput and scalable upto 3 Gbps.		See corrigendum No. 01, SI. No.C-12
60	Section-I	Table - A9 : Hardware Load Balancer	Page No 52	Reference RFP content : SI.No.1, Architecture: Min 4 x 100/1000 Base T and upgradable to 8 x 100/1000 Base T and option for 1 no. fiber slot. To match peer device (firewall) interface & connectivity attribute, the load balancer should have option for 10G		No Change
61	Section B – (12) (Table Sec A-16, A-19, A-22)	Change Management	6, 40,	Need to know the exact sow of Change Request Management Plan or Project Plan.	Else we cannot figure out the timeline, sizing of the manpower (LS) as well as the implication of the cost of any addition to the sow of work or enhancement if any.	No Change
62	Price Bid, Section R	C. SI.No.2	63 & 75	Facility Management Support Charge for Five Years (As per Table A18 of Section - I)	As per Price Bid, Qty. is 05, but Page no 63 the no of Resources are 3. As same as Table A21 FMS (Page no.65) similarly not matching. Request you to please check once an confirm.	No Change

63	Section K	Manpower Details, (E) Oracle Database & (F) Oracle Web Logic	67	As per RFP, there is no BoM mentioned for Oracle software component. However you have asked for implementation manpower for Oracle	Request you to please share the detail BoM of Oracle component so that we can factor the costing for implementation.	Refer to BoM for Oracle in corrigendum.
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