

Addendum 4

Date: 04.12.2017

1. Standard Set of Deviations

Sr. No	Description and Clause Number	Amendment
1.	<p>Bidding Documents Section 4.11 Section Name : Project Timelines and Payment Terms Page Number : 51</p>	<p><u>Replace :</u></p> <ol style="list-style-type: none"> 1. No Advance payment against Purchase Order or Work order. 2. All payment shall be released after submission of bills for quarterly period. 3. Payment shall be made only for actual services, components utilized on hourly, monthly basis during quarter by MMRC. <p><u>With:</u></p> <ol style="list-style-type: none"> 1. No Advance payment against Purchase Order or Work order. 2. Oracle License Payment shall be made after successful completion of Operational Acceptance and Go Live Milestone on successful DR demonstration and submission of relevant report. (Revised financial format enclosed). 3. Rest of the payments shall be released after submission of bills for quarterly period. 4. Payment shall be made only for actual services, components utilized on hourly, monthly basis during quarter by MMRC.
2.	<p>Bidding Documents Section: 2.1 Section Name : Key events and Dates Page Number : 13</p>	<p><u>Replace :</u> Last date (deadline) for Submission of bids 05.12.2017 till 10:00 am Date and time of opening of Technical Bid Opening 05.12.2017 till 12:00 noon</p> <p><u>With:</u> Last date (deadline) for Submission of bids 20.12.2017 till 05:00 pm Date and time of opening of Technical Bid Opening 21.12.2017 at 12:00 pm</p>

<p>3.</p>	<p>Bidding Documents Section: 7.1 Section Name : Financial Proposal Cover Letter Page Number : 121</p>	<p><u>Replace:</u> Financial Proposal Cover Letter</p> <p><u>With:</u> This Clause stands deleted</p>
<p>4.</p>	<p>Bidding Documents Section: 4.8 Section Name : Security Requirements Page Number : 41 & 42</p>	<p><u>Replace:</u></p> <ul style="list-style-type: none"> • Multi-Factor Authentication (MFA) • Data Encryption – Client Side and / or Server Side Encryption as required • Dedicated, Hardware-Based Crypto Key Storage Option for using Hardware Security Module (HSM) appliances • Centralized Key Management • Host Intrusion Detection System <p><u>With:</u> This Clause stands deleted</p>

The revised financial format is attached below:

Table A: Cost Breakdown of Services based on monthly (based on number of hours and days) charges

Sr. No.	Description	Unit	Quantity	Price	Taxes Applicable	Total Cost
Virtual Machines - ERP						
1.	Production Application DB 6 vCore, 64 GB RAM 1.4 TB disk size.*	Per Machine per Month	1			
Virtual Machines – e Office						
2.	App Server 8 vCore 64 GB RAM 1 TB HDD RHEL 7.2 64 Bit*	Per Machine per Month	1			
3.	DB Server 6 vCore 64 GB RAM 500 GB HDD RHEL 7.2 64 Bit*	Per Machine per Month	1			
4.	Local DNS Server – Win Server 2008 2 vCore 16 GB RAM*	Per Machine per Month	1			
Storage						
5.	Additional Storage	100 GB SSD storage per Month (As	1			



RFP for Hiring of “Cloud based Disaster Recovery Services” from Managed Service Provider at Mumbai Metro Rail Corporation (MMRC)

Sr. No.	Description	Unit	Quantity	Price	Taxes Applicable	Total Cost
		per data size)				
Additional Components						
6.	Additional vCPU	Nos	1			
7.	Additional RAM 4 GB	Nos	1			
8.	Additional RAM 8 GB	Nos	1			
9.	Additional Storage 500 GB	Nos	1			
Software and Licenses - E Office						
10.	Operating System RHEL 7.2	Nos	1			
11.	OS - Windows Server 2008 R2 Enterprise Edition 64 Bit	Nos	1			
12.	RDBMS – PGSQL	Nos	1			
Security & Firewall						

Sr. No.	Description	Unit	Quantity	Price	Taxes Applicable	Total Cost
13.	Web Application Firewall	Nos	1			
14.	Public IPs (5 IP's to be included at no cost)	Nos	1			
Total Cost				A1		

Total Cost A1 shall be entered in Summary Table below

Note:

- In case of a particular Instance Type is not available, near or equivalent instance cost to be provided.
- The OS version shall be n, n-1 or a specific version and type as per MMRC’s Application requirement.
- Bidder has to ensure Cloud Services (VMs provided) should be on Pay per use on hourly, monthly basis and the MMRC would pay only for the actual usage.

Table B: Cost towards Support on a yearly basis

Sr. No	Particulars	Per Year Cost	Taxes Applicable	Total Amount
1.	Yearly Support Cost	B1		

Total Cost B1 shall be entered in Summary Table below

Table C: Cost Breakdown for 10 Mbps Connectivity from DC at MMRC to DR for 5 years on monthly basis

Sr. No	Particulars	Per Month Cost	Taxes Applicable	Total Amount
1.	10 Mbps Connectivity	C1		

Total Cost C1 shall be entered in Summary Table below

Table D: Cost Breakdown for Oracle Licenses

Sr. No	Particulars	Unit	Quantity	Amount	Taxes Applicable	Total Amount
1.	Operating System OEL 6.6	Nos	1			
2.	Oracle Virtual Machine	Nos	1			
3.	Oracle Weblogic Suite	NUP Named User Plus Perpetual	30			
4.	Oracle Database Enterprise Edition	NUP Named User Plus Perpetual	50			
Total Cost				D1		

Table E: Consolidated Cost Summary

#	Description	Total Cost excluding taxes for 5 years (in Rs.) (Monthly Cost x 60 / Yearly Cost x 5)	Total Applicable Taxes (in Rs.)	Total Amount (in Rs.)
1.	Cloud Services – Cost for pre-production and production environment for 5 years (on demand pricing)(from above table A)	$A2=A1 \times 60$	A3	$A = A2 + A3$
2.	Cost towards Support from CSP for 5 years (from above table B)	$B2=B1 \times 5$	B3	$B = B2 + B3$
3.	Cost towards 10 Mbps Connectivity from MMRC DC to DR for 5 years (from above table C)	$C2=C1 \times 60$	C3	$C = C2 + C3$
4.	Cost towards Oracle Licensing (from above table D)	D1	D2	$D=D1 + D2$
	Grand Total			$GT=A+B+C+D$

Note: Grand Total shall be used for Financial Evaluation