



Addendum 01

The Government of the Democratic Socialist Republic of Sri Lanka

The Ministry of Technology

Information and Communication Technology Agency of Sri Lanka (ICTA)

Procurement Title: Procurement of a Master System Integrator (MSI) for Designing, Developing, Supplying, Delivering, Installing, Implementing, Supporting and Maintaining the Software, Hardware and Infrastructure for the “Sri Lanka Unique Digital Identity (SL-UDI) Project” of Government of Sri Lanka.

IFB No: ICTA/SLUDI/IS/2022/01

Amendments to the Bid Document:

| No | RFP Vol. | Section and Page No. | Proposed Amendments |
|-----------|-------------------------|---|--|
| 1 | SL-UDI Vol. 1 of Vol. 3 | Section 4.13.1, 4.13.2, and 4.13.3 of the Price Schedule of Bidding Forms of Page Nos. 151 to 162 | Amended, replacing the Sections 4.13.1, 4.13.2, and 4.13.3 of Vol. 1 with section 7 of Bill of Material of Vol. 2 of Vol. 3 – Page Nos. 243 to 249 (Refer to attached annex ‘A’ to this addendum 01) (Amended price schedules will be published in the ICTA web site to use in the submission of price bid) |
| 2 | SL-UDI Vol. 1 of Vol. 3 | Section 4.6.3.1 - B1.d (Page 138) (Page 137) | Section 4.6.3.1 - B1.d Amended as Proposed Specialized Tools Section 4.6.3.1 - Amended introducing new item B1.e as Compliance to Functional and Technical Requirements specified in the SOR |
| 3 | SL-UDI Vol. 1 of Vol. 3 | Section 4.6.3.1-B2.a Solution Scalability (Page 139) | Amended removing the item (2) Scalability. Thereafter there will be only three guiding Principle as; 1). Capacity 2). Reliability 3). Flexibility |
| 4 | SL-UDI Vol. 1 of Vol. 3 | Section 4.13.5 Change Request Table Column 4 INR – (Page 164) | Amended adding “Unit Cost” and it should be read as INR (Unit Cost) |

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| 5 | SL-UDI Vol. 2 of Vol. 3 | Table 36 Bill of Material column 4, Page Nos. 243 to 249 | Column No. 04 labelled as 'QTY' of Bill of Material deleted and Bill of Material column 03 amended as Units/Qty. |
| 6 | SL-UDI Vol. 1 of Vol. 3 | Table 3.2 Criteria No. A1.c of Vol. 1 Table 3.2 Criteria No. A1.c "CMMI Level V" – Page 56 | Amended as "CMMI" |
| 7 | SL-UDI Vol. 1 of Vol. 3 | Section 4.6.1 Indicative Bill of Material, Page No.135 | Column No. 05 labelled as 'QTY' of Indicative Bill of Material deleted and Indicative Bill of Material column 04 amended as Units/Qty. |
| 8 | SL-UDI Vol. 1 of Vol. 3 | Vol. 1: Page 64 Section 3.2.2.2 – Pending Litigation table column 4 Subcontractor | Amended adding " submit Immediately preceding three (03) years Audited Financial statements |

Chairman,
Cabinet Appointed Procurement Committee,
Information and Communication Technology Agency of Sri Lanka (ICTA)
No. 490, 6th Floor, R. A. De Mel Mawatha, Colombo 03,
Sri Lanka.

14th June 2023

Bill of Material (BOM):

| Serial Number | Product and /or Service Item Description | Units/Qty. |
|-----------------|---|------------|
| Software | | |
| 1. | Modular Open Source Identity Platform (MOSIP) | Items |
| 2. | Integration Middleware | Items |
| 3. | Biometric SDK | Items |
| 4. | Automated Biometric Identification System | Items |
| 5. | Portal Solution | Items |
| 6. | Customer Relationship Management | Items |
| 7. | BI & Reporting Solution | Items |
| 8. | Document Management System | Items |
| 9. | Fraud Management System | Items |
| 10. | Service Billing System | Items |
| 11. | Knowledge Management System | Items |
| 12. | Learning Management System | Items |
| 13. | TSP and UA Software | Items |
| 14. | Enterprise Service Bus | Items |
| 15. | API Gateway | Items |
| 16. | Business Rules Engine | Items |
| 17. | Business Process Management Suite | Items |

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|------------------------------------|---|-------|
| 18. | Web Server | Items |
| 19. | Distributed Caching | Items |
| 20. | Program / Project Management Tool | Items |
| 21. | Version management | Items |
| 22. | Operating System | Items |
| 23. | Database Solution | Items |
| 24. | Performance Testing Tool | Items |
| 25. | Messaging Platform - Publish/Subscribe Queues | Items |
| 26. | IT Service Management Tools | Items |
| 27. | Enterprise Management System | Items |
| Data Centre (Co-Locations) | | |
| 28. | Data Centre Hosting Space (Primary Site) | Items |
| 29. | Data Centre Hosting Space (Secondary Site) | Items |
| 30. | Data Centre Power (Primary Site) | Items |
| 31. | Data Centre Power (Secondary Site-DR)) | Items |
| IT Infrastructure | | |
| 32. | Blade Servers (Biometric Solution) | Items |
| 33. | Blade Chassis (Biometric Solution) | Items |
| 34. | Rack Server (Biometric Solution) | Items |
| 35. | Server Rack (Biometric Solution) | Items |
| 36. | SAN (Biometric Solution) | Items |

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|-----|--|-------|
| 37. | SAN Switch (Biometric Solution) | Items |
| 38. | Tape Library and Tapes (Biometric Solution) | Items |
| 39. | Blade Servers (Other than Biometric Solution) | Items |
| 40. | Blade Chassis (Other than Biometric Solution) | Items |
| 41. | Rack Server (Other than Biometric Solution) | Items |
| 42. | Server Rack (Other than Biometric Solution) | Items |
| 43. | SAN (Other than Biometric Solution) | Items |
| 44. | SAN Switch (Other than Biometric Solution) | Items |
| 45. | Tape Library (Other than Biometric Solution) | Items |
| 46. | Virtual Tape Library (Other than Biometric Solution) | Items |
| 47. | Internet Router (For entire infrastructure) | Items |
| 48. | MPLS Router (For entire infrastructure) | Items |
| 49. | Global Load Balancer (For entire infrastructure) | Items |
| 50. | Application Load Controller - Server / Application Load Balancer (For entire infrastructure) | Items |
| 51. | Core Switches (For entire infrastructure) | Items |
| 52. | Data Centre Access Switches (For entire infrastructure) | Items |
| 53. | Enterprise Management System | Items |
| 54. | Replication and Backup Solution | Items |
| | (Note: MSI and BSP may bring same solution or their separate solutions) | Items |
| 55. | Network Access Controller | Items |
| 56. | Virtualization Solution | Items |

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|--------------------------------|--|-------|
| 57. | Enterprise Container Application Platform | Items |
| 58. | Enterprise Monitoring System | Items |
| 59. | Virtual Desktop Infrastructure Solution | Items |
| NOC / SOC / IT Helpdesk | | |
| 60. | Video wall with controllers, speakers, and other accessories | Items |
| 61. | LED TV- (4 X 4 configuration) | Items |
| 62. | Laptop (for manager and L1 analysts) | Items |
| 63. | Desktops / Monitors (13 resources X 2 monitors each) | Items |
| 64. | Keyboards and Mouse | Items |
| 65. | IP Phone | Items |
| 66. | IP PABX | Items |
| 67. | Printer (Network) | Items |
| 68. | UPS – 20KVA | Items |
| Field Infrastructure | | |
| 69. | Enrolment Fingerprint Scanner (4-4-2) | 1625 |
| 70. | Enrolment Iris Scanner (Dual) | 1625 |
| 71. | Signature Pad | 1625 |
| 72. | Auth- Fingerprint scanners | 250 |
| 73. | Auth - Facial Scanner | 250 |
| 74. | Auth - Iris Capture Device | 250 |

| Mobile Registration KITS | | |
|---------------------------------|--|-------|
| 75. | Enrolment Kit Container for mobile registration kits | 40 |
| 76. | Laptop for mobile registration kits | 40 |
| 77. | QR Reader (Scan PRN included QR) | 40 |
| 78. | Document Scanner | 40 |
| 79. | Printer | 40 |
| 80. | Enrolment - Fingerprint Scanner (4-4-2) | 40 |
| 81. | Enrolment - Iris Scanner (Dual) | 40 |
| 82. | Web Camera | 40 |
| 83. | Signature Pad | 40 |
| 84. | UPS | 40 |
| 85. | USB Hub | Items |
| 86. | Internet Dongle | Items |
| 87. | USB Storage Device for mobile registration kits | Items |
| 88. | Flash Light | Items |
| 89. | Background Screen | Items |
| Network Connectivity | | |
| 90. | Data Centre – Interconnection Network | Items |
| 91. | Data Centres (DC & DR) – Internet Links | Items |
| 92. | Internet Connectivity for mobile registration centres | Items |
| 93. | Data Centres (DC & DR) – NOC / SOC/ Technical Helpdesk | Items |

| Security | | |
|--------------------------------------|---|-------|
| 94. | DLP Solution | Items |
| 95. | Network Vulnerability Scanner | Items |
| 96. | Anti-Advanced Persistent Threat (APT) | Items |
| 97. | Privilege Access Management | Items |
| 98. | Two Factor Authentication | Items |
| 99. | Web Gateway with content Filtering & Proxy Solution | Items |
| 100. | Web Vulnerability Scanner | Items |
| 101. | Code Review Tool | Items |
| 102. | Anti-Virus Solution | Items |
| 103. | Identity and Access Management | Items |
| 104. | Hardware Security Module | Items |
| 105. | Security Information and Event Monitoring (SIEM) Solution | Items |
| 106. | Anti-DDoS solution | Items |
| Security Component (Hardware) | | |
| 107. | Patch Management Solution | Items |
| 108. | Email Gateway (Security Solution) | Items |
| 109. | Database Activity Monitoring | Items |
| 110. | SSL VPN | Items |
| 111. | External Firewall | Items |
| 112. | Internal Firewall | Items |

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| 113. | Web Application Firewall | Items |
| 114. | Host Intrusion Prevention System | Items |
| 115. | Network Intrusion Prevention System (NIPS) and NIDS | Items |
| 116. | Intrusion Detection System / Intrusion Prevention System | Items |
| 117. | Security Racks (same as other racks) | Items |
| 118. | Security Testing Solution | Items |
| 119. | Network Detection and Response | Items |
| 120. | Container Runtime Security and East west Traffic Inspection and Attack Mitigation Solution | Items |
| 121. | Extended Detection and Response Solution | Items |
| Other Tools | | |
| 122. | Specify if any | Items |