RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System





Surat Smart City Development Limited ADDENDUM AND CORRIGENDUM-1

RFP No.: SSCDL-ERP-RFP-02-2017

The Bidders are requested to take note of the following changes made in the RFP document, which are to be taken in to account while submitting the RFP. They shall be presumed to have done so and submitted the RFP accordingly.

- This Addendum and Corrigendum shall be the part of the RFP documents.
- Content specified in this Addendum and Corrigendum supersede relevant content to that effect as provided in the original RFP documents. All other specifications, terms and conditions of the original RFP document shall remain unchanged.
- The queries raised and given by bidders, but the clarifications are not made in this Addendum and Corrigendum shall be considered to remain unchanged as per the terms and conditions mentioned in the original RFP documents.
- Bidders shall read and consider following points, which shall be a part of the RFP documents.

| Highlighted Color What does it indicate? | | | | | |
|--|--|--|--|--|--|
| No highlight | Indicates content as per original RFP document | | | | |
| Highlighted in | Indicates amendment as per this Addendum and | | | | |
| Blue | Corrigendum-1 | | | | |

RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System





I. Changes with respect to RFP Schedule

Please note that with respect to tendering schedules, the following changes have been effected. Bidders are requested to take note of the same and adhere to the dates specified hereunder with regards to Price Bid Submission and Technical Bid Submission:

| Particular | Current Dates | Proposed Dates |
|--|--|--|
| Price Bid Submission | To be submitted online only on https://smc.nprocure.com on or before 10/10/2017 up to 18:00 hrs. | To be submitted online only on https://smc.nprocure.com on or before 27/10/2017 up to 18:00 hrs. |
| Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD, Solvency Certificate and other documents. | In sealed envelope strictly by RPAD/Postal Speed Post on or before 13/10/2017 up to 18:00 hrs. to the Chief Accountant, Surat Municipal Corporation, | In sealed envelope strictly by RPAD/Postal Speed Post on or before 02/11/2017 up to 18:00 hrs. to the Chief Accountant, Surat Municipal Corporation, |
| | Muglisara, Surat – 395003, Gujarat. | Muglisara, Surat – 395003, Gujarat. |

RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System





II. Other Changes

| Sr. | Tender | Existing Clause | Amended / New Clause |
|-----|---|--|---|
| No. | Reference | | · · · · · · · · · · · · · · · · · · · |
| 1. | 2.1 TO-BE SCENARIO ENVISAGED FOR SMC Page No 13 | 2.1 TO-BE SCENARIO ENVISAGED FOR SMC To be benefitted from the efficiencies of different departments and to have consistent processes throughout the organization, there is a need to go for an integrated system used across the organization. Also with a vision to move towards less paper function, reduce dependency on file movement and benefit from globally accepted business processes SMC is going for an ERP implementation. ERP will be a critical component of the e-Governance initiative at SMC and shall support various initiatives taken by the Government of India like Digital India, Smart Cities, Open Data, etc. (e.g., online filing, payments, Aadhar enablement etc.). The solution proposed should have capabilities to integrate with such initiatives for which necessary details and APIs will be provided for integration. Below is the To-Be component architecture for SMC. The applications under ERP system integrator (SI) scope are broadly divided into three categories: 1. ERP Off-The-Shelf Core Modules 2. ERP - Citizen services and Revenue collection 3. E-office applications using DMS and BPM These will be implemented based on best IT processes and supported by productivity tools and integration engine. The high-level scope is marked by "Scope of ERP SI" in the overall component architecture (figure 1). The scope of the system integrator will include Project Preparation, Business blueprint, Realisation, Final Preparation, Go-Live and Hypercare Support, Release Management, L2 & L3 support post implementation. | 2.1 TO-BE SCENARIO ENVISAGED FOR SMC To be benefitted from the efficiencies of different departments and to have consistent processes throughout the organization, there is a need to go for an integrated system used across the organization. Also with a vision to move towards less paper function, reduce dependency on file movement and benefit from globally accepted business processes SMC is going for an ERP implementation. ERP will be a critical component of the e-Governance initiative at SMC and shall support various initiatives taken by the Government of India like Digital India, Smart Cities, Open Data, etc. (e.g., online filing, payments, Aadhar enablement etc.). The solution proposed should have capabilities to integrate with such initiatives for which necessary details and APIs will be provided for integration. Below is the To-Be component architecture for SMC. The applications under ERP system integrator (SI) scope are broadly divided into three categories: 1. ERP Off-The-Shelf Core Modules 2. ERP Off-The-Shelf Citizen services and Revenue collection 3. E-office applications using DMS and BPM ERP Off-The-Shelf Core Modules and ERP Off-The-Shelf Citizen services and Revenue collection should be from the same OEM. These will be implemented based on best IT processes and supported by productivity tools and integration engine. The high-level scope is marked by "Scope of ERP SI" in the overall component architecture (figure 1). The scope of the system integrator will include Project Preparation, Business blueprint, Realisation, Final Preparation, Go-Live and Hypercare Support, Release Management, L2 & L3 support post implementation. |





| 2. | 2.1.2 | 2.1.2 Citizen Services | | 2.1.2 | Citizen | Services | | |
|----|---------------|--|--|--|--|---|--|--|
| | Citizen | | | | | | | |
| | Services | Citizen services play a very important role in the functioning of Surat Municipal Corporation or ULB in general. The citizens are the key stakeholders for | | | | Citizen services play a very important role in the functioning of Surat Municipal | | |
| | Page 16 | • | n service delivery. SMC has already taken several steps which | | | ULB in general. The citizens are the key stakeholders for improvement ry. SMC has already taken several steps which include award-winning | | |
| | rage 10 | · | winning portal and mobile application for citizens to avail services | | | ile application for citizens to avail services and pay taxes which will | | |
| | | | which will keep on upgrading based on SMC future requirements as | | | ing based on SMC future requirements as part of citizen engagement | | |
| | | | ngagement initiatives. It is envisaged that SMC portal will serve as | | | envisaged that SMC portal will serve as the front end for citizen | | |
| | | | for citizen services with multilingual support. The same will be | | | nultilingual support. The same will be integrated to ERP and BPM | | |
| | | integrated to EF | RP and BPM applications in backend as and when they will Go-Live. | applic | ations in I | packend as and when they will Go-Live. | | |
| | | | | Propo | sed COTS | software solution shall be available with complete transparency | | |
| | | | | includ | ing opera | tion manuals, help documents and source code for customization. | | |
| 3. | 3.11.2.3. | 3.11.2.3. The le | ad bidder will be responsible for implementing COTS ERP along | 3.11.2 | .3. The lea | ad bidder will be responsible for implementing COTS Solutions (ERP | | |
| | Clause, Page | | in power (deployed man power for COTS ERP implementation and | | | ore Modules and ERP Off-The-Shelf Citizen services and Revenue | | |
| | No 87 | | be on the payroll of lead bidder) deployed onsite for the | | | g with its own man power (deployed man power for COTS ERP Off- | | |
| | | implementation and support purpose throughout the contract period. Consortium partner (if any) can be used for implementing peripheral products and | | | The-Shelf Core Modules and ERP Off-The-Shelf Citizen services and Revenue collection implementation and support must be on the payroll of lead bidder) deployed onsite | | | |
| | | · · | pols, provided they are authorized by respective OEM as | for the implementation and support purpose throughout the contract period. | | | | |
| | | implementation partner for the same. Consortium partner can also be utilized for | | Consortium partner (if any) can be used for implementing peripheral products and | | | | |
| | | Gujarati langua | ge related dependencies and administrative tasks. | productivity tools, provided they are authorized by respective | | | | |
| | | | | implementation partner for the same. Consortium partner can also be util | | · | | |
| | | | | Gujarati language related dependencies and administrative tasks. | | ge related dependencies and administrative tasks. | | |
| | | | | | | | | |
| 4. | 19. Technical | | | | | | | |
| | Requirements | | | | | | | |
| | Page 57 | 19. Tech | nical Requirements | 19 | Tech | nical Requirements | | |
| | | Sr.No. | Specifications | | Sr.No. | Specifications | | |
| | | 19.1 | | 19.1 | | | | |
| | | General 1. | Solution to be Unicode compliant with support of Gujarati | Gen | erai 1. | Solution to be Unicode compliant with support of Gujarati | | |
| | | 1. | Unicode Font | | 1. | Unicode Font | | |
| | | 2. | Scalability in terms of number of users, no. of work flows, no. | | 2. | Scalability in terms of number of users, no. of work flows, no. of | | |
| | | | of organizational entities, in-built workflows, and drilldown | | | organizational entities, in-built workflows, and drilldown | | |
| | | | reporting capabilities. | | | reporting capabilities. | | |





| 3. | Should support any operating system like Windows, Linux, Unix | | 3. | Should support any operating system like Windows, Linux, Unix |
|----|--|--|-----|--|
| 4. | | | 4. | All components of the proposed solution to be interoperable and seamlessly integrated. |
| 5. | Solution to support various user interface options like portal, mobile, tablet, and user friendly forms built into the platform. | | 6. | Solution to support various user interface options like portal, mobile, tablet, and user friendly forms built into the platform. |
| 6. | Ability to create ad hoc reports, generate reports at various organizational levels, facility to download reports in various formats like excel/PDF/text/XML/etc., and send reports electronically. | | | Ability to create ad hoc reports, generate reports at various organizational levels, facility to download reports in various formats like excel/PDF/text/XML/etc., and send reports electronically. |
| 7. | · | | 7. | Support multi-dimensional analysis of data collected for various workflow processes to identify bottlenecks and improve business processes. |
| 8. | User should be able to generate dynamic report on basis of requirements without need of development | | 8. | User should be able to generate dynamic report on basis of requirements without need of development |
| 9. | System should support drill down reporting | | 9. | System should support drill down reporting |
| 10 | | | 10. | System to support dynamic workflows. |
| 1: | . System to support delegation management. | | 11. | System to support delegation management. |
| 12 | . System to maintain logs of transactions and audit trails. | | 12. | System to maintain logs of transactions and audit trails. |
| 13 | . Solution to provide integrated user management and support role based access control. | | 13. | Solution to provide integrated user management and support role based access control. |
| 14 | | | 14. | Ability to provide multiple roles to single user and bulk user maintenance and access management options |
| 15 | . Solution to provide access level security for data at | | 15. | Solution to provide access level security for data at transactional level. |
| 16 | transactional level. LDAP & Single Sign On | | 16. | LDAP & Single Sign On |
| | ERP should be configured with LDAP server. Authentication and authorization of users logging into ERP system should happen with LDAP or any active directory server supporting LDAP. ERP should support single sign on with external domain applications within SMC. User should not be forced to log in multiple times to access different systems or modules within ERP. | | | ERP should be configured with LDAP server. Authentication and authorization of users logging into ERP system should happen with LDAP or any active directory server supporting LDAP. ERP should support single sign on with external domain applications within SMC. User should not be forced to log in multiple times to access different systems or modules within ERP. |





| | graphs garyan WAARTHEIBANDO |
|--|---|
| (a) System should allow a user to log in once, using | a (c) System should allow a user to log in once, using a single |
| single authentication method to gain access | authentication method to gain access to multiple |
| multiple applications. | applications. |
| (b) SSO solution should provide Session Security | to (d) SSO solution should provide Session Security to ensure |
| ensure that the information is not tapped | |
| unauthorized people. | people. |
| | |
| Provision for LDAP & SSO will be in scope of ERP SI | Provision for LDAP & SSO will be in scope of ERP SI |
| 17. High Availability & Disaster Recovery | 17. High Availability & Disaster Recovery |
| In case of any disaster like flood, earthquake a Disas | er In case of any disaster like flood, earthquake a Disaster Recovery |
| Recovery ("DR") Process is required. The purpose of a | |
| Process is to enable SMC IT leadership, key stakeholders to p | |
| and respond to events negatively impacting the service | |
| supported by SMC. The DR Process will provide a foundation | |
| managing disaster recovery, service continuity and IT Servic | |
| responsibilities relating to crisis response and busine | relating to crisis response and business continuity. The DR Process |
| continuity. The DR Process supports the following objectives | supports the following objectives: |
| | |
| Enable informed decision making | Enable informed decision making |
| Efficiently build resilience | Efficiently build resilience |
| Verify resilience capability | Verify resilience capability |
| Effectively manage events | Effectively manage events |
| | |
| 1. The Bidder shall be responsible for designing a | 5. The Bidder shall be responsible for designing and |
| implementing High Availability for ERP ecosystem. | implementing High Availability for ERP ecosystem. |
| 2. It will be the responsibility of the Bidder to work with SI | 6. It will be the responsibility of the Bidder to work with SMC to |
| to define and implement consistent methods to assist | in define and implement consistent methods to assist in the |
| the resumption of critical business operation in t | resumption of critical business operation in the shortest time |
| shortest time necessary, for the least possible cost, w | th necessary, for the least possible cost, with minimal impact on |
| minimal impact on users, citizens, and employees. | users, citizens, and employees. |
| 3. Bidder should ensure necessary data (application specified) | |
| related to solution should be replicated with minimu | · · |
| downtime at mutually agreed timeframe. | downtime at mutually agreed timeframe. |
| 4. All the components proposed like database license, OS | |
| should support high availability | should support high availability |





| | | 1 | | | | | |
|----|---|--|--|---|--|--|--|
| | | 18. | , | | 18. | System should have inbuilt features like workflows, file tracking, | |
| | | | tracking, and knowledge repository. | | | and knowledge repository. | |
| | | 19. | 1 | | 19. | As part of the project, the IT infrastructure will be provided by | |
| | | | SMC. The bidder will be required to propose, provide, install, | | | SMC. The bidder will be required to propose, provide, install, | |
| | | | configure and maintain the software components like the OS, | | | configure and maintain the software components like the OS, | |
| | | | Database, Anti-virus Software for Server and any middleware | | | Database, Anti-virus Software for Server and any middleware best | |
| | | | best suited with the proposed solution. Necessary server | | | suited with the proposed solution. Necessary server hardening at | |
| | | | hardening at OS level and Database level will be responsibility | | | OS level and Database level will be responsibility of bidder. The | |
| | | | of bidder. The bidder is required to use Table-B of "Appendix-2 | | | bidder is required to use Table-B of "Appendix-2 Content & | |
| | | | Content & Format of Price Proposal" to specify such items along | | | Format of Price Proposal" to specify such items along with the | |
| | | | with the price. (Note: The price is to be quoted online only.) The | | | price. (Note: The price is to be quoted online only.) The bidder | |
| | | | bidder also needs to clearly provide the expected hardware | | | also needs to clearly provide the expected hardware | |
| | | | requirements considering the performance and availability | | | requirements considering the performance and availability | |
| | | | requirements specified in the RFP from SMC data center and | | | requirements specified in the RFP from SMC data center and | |
| | | | disaster recovery (DC/DR). The proposed infrastructure should | | | disaster recovery (DC/DR). The proposed infrastructure should be | |
| | | | be designed to provide optimum balance for the performance | | | designed to provide optimum balance for the performance and | |
| | | | and cost. The bidder needs to provide the architecture diagram | | | cost. The proposed infrastructure requirement (software and | |
| | | | detailing the landscape proposed and justification/ merits of | | | hardware components) should be certified by respective OEM. | |
| | | | the same as part of technical proposal (Appendix 1 – Form | | | The bidder needs to provide the architecture diagram detailing | |
| | | | 1.13). | | | the landscape proposed and justification/ merits of the same as | |
| | | 20. | | | | part of technical proposal (Appendix 1 – Form 1.13). | |
| | | | payment gateway, email solution, collaboration tool, ticketing | | 20. | Integration required with email gateway, SMS gateway, payment | |
| | | | tool | | | gateway, email solution, collaboration tool, ticketing tool | |
| | | 21. | The solution shall support integration with Aadhar card as well | | 21. | The solution shall support integration with Aadhar card as well | |
| | | | as digital and electronic signature for applicable services. | | | as digital and electronic signature for applicable services. | |
| | | 22. | System shall support future integration with any digital | | 22. | System shall support future integration with any digital | |
| | | | government initiatives. | | | government initiatives. | |
| 5. | | | | | | | |
| | | | Form –1.13: Infrastructure Requirements | | | Form –1.13: Infrastructure Requirements | |
| | | | (Detailed Requirement and design) | | | (Detailed Requirement and design) | |
| | | | (Detailed Requirement and design) | | | (Detailed Requirement and design) | |
| | | | | | | | |
| | | | annone datation the landacene music and | A I- ** | | many detailing the landscape many de | |
| | Archi | Architecture diagram detailing the landscape proposed: | | Archit | ecture dia | gram detailing the landscape proposed: | |
| | The s | olution as | part of the RFP shall be hosted at the Data Centre and DR Site of | The sc | olution as r | part of the RFP shall be hosted at the Data Centre and DR Site of | |
| | · | | | | - | Corporation, whereas bidder should provide the designing and | |
| | | = | dware required. The component details should be specified in | sizing of the hardware required. The component details should be specified in the | | | |
| | sizing of the hardware required. The component details should be specified in | | | | 3121118 Of the hardware required. The component details should be specified in the | | |

RFP for Selection of System Integrator for Implementation of Enterprise Resource Planning System





the table format below. The same shall be optimized from performance and cost perspective.

The components proposed should not be specific to any OEM.

| # | Name of the Component | Purpose of the Component | Specifications |
|-----|-----------------------|-----------------------------|----------------|
| 1 | Servers | | |
| i) | Server 1 | | |
| ii) | Server 2 | | |
| | | | |
| П | Storage | | |
| n | | | |

Justification/ merits of the same highlighting:

- Reasoning for specified components over other options.
- Extent of compliance to technical requirements specified in the scope of work
- The Strategy, Approach & Methodology for installation, Configuration & housekeeping of all the key components of the project

table format below. The same shall be optimized from performance and cost perspective.

The components proposed should not be specific to any OEM.

| The components proposed should not be specific to any OEM. | | | | | |
|--|----------------------------|---------------------|-----------------|---------|-------------------|
| # | Name of the Component | Purpose Componen | of t | the | Specifications |
| I | Servers | | | | |
| i) | Server 1 | | | | |
| ii) | Server 2 | | | | |
| •• | | | | | |
| П | Storage | | | | |
| i) | | | | | |
| | | | | | |
| III | Operating System | | | | |
| i) | | | | | |
| | | | | | |
| IV | Database | | | | |
| i) | | | | | |
| | | | | | |
| N | | | | | |
| | ature) nd on behalf of: | | nature and o | n beha | |
| | (Name of the OEM) | | | (Nai | me of the Bidder) |
| Nam Desig | gnation: | Nar Des | ne: ignatio | d Signa | atory |
| Place | <mark>::</mark> | Pla | ce: | | |





| | | | | | Date: | Date: | |
|----|---|--|---|--|--|--|---|
| | | | | | Extent of compliance t workThe Strategy, Approach | e highlighting: components over other opto technical requirements s a & Methodology for insta key components of the pro | pecified in the scope of llation, Configuration & |
| 6. | 2.6.3.2 SI Implementati on cost Page no 76 | 2.6.3.2 SI Implementation cost All Key Deliverables mentioned SSCDL and will be prerequisi deliverables need to be submitt SSCDL will provide sign-off as working days after any queries r | te for completion of a red along with signoff re quickly as possible with | the milestone. All the port in hard copy. SMC/n maximum time of 20 | 2.6.3.2 SI Implementation cost All Key Deliverables mentioned and will be prerequisite for cor to be submitted along with sig sign-off as quickly as possible queries raised are resolved by t | in section 2.4 need to be singletion of the milestone. A snoff report in hard copy. So with maximum time of 20 | igned off by SMC/ SSCDL All the deliverables need SMC/ SSCDL will provide |
| | | Milestone # | Release 0 | Release 1 | Milestone # | Release 0 | Release 1 |
| | | Milestone 0 | 9 % | 9 % | Milestone 0 | 9 % | 9 % |
| | | Milestone 1 | 9 % | 9 % | Milestone 1 | 9 % | 9 % |
| | | Milestone 2 | 9 % | 9 % | Milestone 2 | 9 % | 9 % |
| | | Milestone 3 | 4.5 % | 4.5 % | Milestone 3 | 4.5 % | 4.5 % |
| | | Milestone 4 | - | - | Milestone 4 | - | - |
| | | Milestone 5 | 9 % | 9 % | Milestone 5 | 9 % | 9 % |
| | | Milestone 6 | 4.5 % | 4.5 % | Milestone 6 | 4.5 % | 4.5 % |
| | | | | | Total | <mark>45%</mark> | <mark>45%</mark> |
| | | This % implies the percentage of vendor. Monthly Progress Reports/MIS desired by SMC indicating the against the scheduled tasks / ac | to be submitted every activities remaining/com | month or as and when | Note: The remaining 10% of the equal parts of 2.5% each and support for the Year-3, Year-4 This % implies the percentage vendor. | the same will be paid on sud , Year-5 and Year-6. | ccessful completion of |





| 7. | 2. SCOPE OF | 2. SCOPE OF WORK | Monthly Progress Reports/MIS to be submitted every month or as and when desired by SMC indicating the activities remaining/completed and progress as against the scheduled tasks / activities 2. SCOPE OF WORK |
|----|-----------------|---|---|
| 7. | WORK Page No 13 | The proposed ERP implementation and post-implementation support at SMC aims to best utilise latest technology for SMC operations and envisages to take the computerization of the corporation to the next level. It is envisaged to undertake Enterprise Wide Resource Planning approach, enabling SMC to use various data in most optimal way and provide services to citizens in efficient and effective manner. The Scope of Work will broadly cover the following: Planning and Implementation/customization of ERP applications/products/solutions Integration of applications/software implemented by VMC for various services on the new ERP platform Migration of all data from some of the existing applications (that are being envisaged to be discontinued) to ERP Operations and maintenance of the proposed solution for 5 years after Go-Live along with deployment of manpower as necessary Deployment and supervision of personnel required for the successful completion of the project Capacity building and training | The proposed ERP implementation and post-implementation support at SMC aims to best utilise latest technology for SMC operations and envisages to take the computerization of the corporation to the next level. It is envisaged to undertake Enterprise Wide Resource Planning approach, enabling SMC to use various data in most optimal way and provide services to citizens in efficient and effective manner. The Scope of Work will broadly cover the following: • Planning and Implementation/customization of ERP applications/products/solutions • Integration of applications/software implemented by SMC for various services on the new ERP platform • Migration of all data from some of the existing applications (that are being envisaged to be discontinued) to ERP • Operations and maintenance of the proposed solution for 5 years after Go-Live along with deployment of manpower as necessary • Deployment and supervision of personnel required for the successful completion of the project • Capacity building and training |