

| Sr. No. | Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No | Description as per Bid Document | Query / Clarification / Deviation | TPCODL Response |
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| 1 | 2 | 3 | 4 | 5 |
| 1 | 1.4 Mandatory documents required along with the Bid. Section 1.4.4 | Drawing, Type Test details along with a sample of each item as specified at Annexure I (as applicable) | Type test is applicable for electrical equipments and may not be applicable to this contract. Kindly confirm. | Document mentions "as applicable". Checklists to be followed as per its applicability. |
| 2 | 1.7 Qualification Requirement / Eligibility Criteria | The bidder must have prior experience in ArcGIS & ArcFM software installation and custom development & integration with mobile application in government / private utility in India with at least one order with value of minimum 10 Cr or two orders with a value of minimum 5 Cr each in last 5 years. | We request it to reworded as below as ArcGIS and ArcFM are products of ESRI and experience in different ESRI products implementation shall be considered for the project experience. Also, this will be in line with the different GIS bids by sister Tata Power concerns in Odisha "The bidder must have executed at least one project on proposed version of GIS and its integration with ERP, Energy Audit, MDAS, MBC, CRM and Network Analysis modules, in an electric distribution utility anywhere in the world." | Tender clause stands & to be complied |
| 3 | Scoring Methodology for Technical Evaluation | The bidder must have executed at least one GIS project in Power distribution utility anywhere in India in last 5 years. RAPDRP implementation will be given preference Mark shall be awarded for experience in implementation of modules/applications, as part of single implementation, as mentioned below:- (i) Integration for Energy Audit (ii) Integration for ERP (iii) Integration for MDAS (iv) Integration for MBC & CRM/CIS (v) Integration with Network Analysis module No of Projects Completed with all the above modules. 1 Project – 5 Marks 2 Projects – 8 Marks More than 2 Projects – 10 Marks | Such projects are done as a part of very large RAPDRP project spanning across multiple years (more than 10 years) with multiple extensions. We suggest a large RAPDRP implementation shall fetch full marks. Alternatively each extensions of RAPDRP shall be considered as separate project or global experience with integration of atleast one modules shall also be considered for project completion count in last 5 years. | Tender clause stands & to be complied |
| 4 | | Project experience of the Implementation Agency in implementation of Web GIS & Mobile Application in Power Distribution Web GIS application + mobile application - 4 marks Web GIS application + integration – 6.5 marks Web GIS application + mobile application + integration – 10 marks | We understand that experience in different projects (including global experience) having combination of GIS application+integration + mobile application will be considered to evaluate total experience of SI. Kindly confirm. | Tender clause stands & to be complied |
| 5 | | ISO9001+27001 + CMMI L5 + ISO 20001-1: 2008 - 10 marks | Should be read as ISO9001+27001 + CMMI L5 + ISO 20001: 2008 - 10 marks | Tender clause stands & to be complied |
| 6 | | Team Details - CVs (TPCODL may take interview of employees for whom CV has been submitted and no resource diversion will be allowed unless it is produced that employee has resigned from Organization) | Availability of any team member is dynamic and is based on new projects won and being implemented. If there is a requirement of team change, similar CV shall be accepted by TPCODL after interview. | Project delivery within timeline par excellence is envisaged through quality resources and standard processes. |
| 7 | Page 17, Schedule of Items | Schedule for Items: Supply of Hardware for Implementation of GIS with 5 years warranty. | Our understanding as mentioned in technical specifications bidder to supply compute servers with 5 years of warranty. There is no other hardware like storage, network & security components supply, implementation & warranty is in scope of this RFP. Kindly confirm. | Understanding is in line with the RFP clauses. |
| 8 | Page 92 | The GIS database shall have deployment readiness on standard OEM supported RDBMS (Oracle, SQL Server etc.) - Bidder has to ensure the support of proposed RDBMS from its respective OEM. | We understood bidder to plan the deployment for GIS application on standard DB licenses only for all the environments including production. Kindly clarify? | Applicable/Sufficient Database licenses with appropriate OEM support to be provided by the bidder. |
| 9 | Page 71 | Existing Hardware Details | Kindly confirm the warranty/support mechanism available from OEMs of the existing hardware. | Existing system is under FMS of RAPDRP project. Existing solution will continue to exist and final cutoff data from existing system shall be migrated to new system. |
| 10 | Page 73 | SI will also configure separate staging / editing environment along with test environment and version management to support data editing process apart from the production environment that would support the applications and integrations, following industry best practices. | Please specify if bidder need to take any considerations while sizing the Infra requirements for development and production(with HA or without HA). | Bidder can demonstrate the better way of doing the configuration using the proposed hardware BOQ. |
| 11 | Page 73 | SI will also configure separate staging / editing environment along with test environment and version management to support data editing process apart from the production environment that would support the applications and integrations, following industry best practices. | We assumed that bidder has to supply & implement the servers for development & staging environment as required. Other Infra like Data Center hosting Including Racks, Caging, Power, cooling, cabling, Biometric access, and video surveillance, etc. will be Provided and managed by TPCODL, and it is not in scope of Bidder in this RFP. Kindly confirm. | Bidder's understanding is in line with the requirement specified in the RFP document. |

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| 12 | Page 106 | Within one week of Project Kick Off, Implementation agency shall finalize detailed BoQ, Data Center architecture, specifications and deployment plan of production environment Hardware and related components. TPCODL will provide required production environment as per production deployment plan given by implementing agency. | Our understanding of the RFP is bidder to design, provide the architecture & sizing of IT infrastructure for all environments. However, supply, implementation & maintenance including but not limited to Storage, backup & archival, disaster recovery solution, Operating System, networking and security services like DNS, VPN, firewall, intrusion prevention, SIEM, anti-virus, anti-malware, DDOS protection etc. for all environments including production and DR is not in scope of the Bidder of this RFP. | Storage, backup & archival, networking and security services like AD, DNS, VPN, firewall, IPS/IDS shall be provided by TPCODL at DC / DR. Like DC environment, DR environment shall also be enabled along with Communication. However, DC - DR replication and Disaster Recovery Solution to be established by the bidder. |
| 13 | Page 73 | The solution shall provide the functionality to configure the roles & responsibilities and grant role based access to the users. Also, the system shall have the capability to integrate with various standard SSO (Single Sign- On) or IDM (Identity Management) applications. | Kindly confirm if there is scope of bidder need to provide the any third party solutions for Single Sign-On (SSO) & IDAM ? | Present solution is configured to be accessed through SSO/IDAM/Independent. Similarly decision shall be taken at the time of deployment regarding user access. |
| 14 | Page 74 | GIS Software/Platform Augmentation: The SI shall undertake GIS Web based Application, and Supply of compatible Database licenses as part of scope of work. The GIS platform augmentation/upgrade activity will comprise of following activities. | Please confirm if bidder can propose the required database licenses quantity for for all environments i.e. Development, Staging & Production ? | Applicable/Sufficient Database licenses with appropriate OEM support to be provided by the bidder. |
| 15 | Page 78 | Web servers in HA mode QTY 4 number same configuration as for the application server and this server should support virtualization created as shared resources of application server. | As per the best practices consolidating both application and web servers in same physical servers is a risk. Please confirm if bidder can propose the separate physical nodes for web servers. | Bidder can demonstrate the better way of doing the configuration using the proposed hardware BOQ. |
| 16 | | General | Our understanding is that any client side infrastructure including but not limited to desktops, laptops, printers etc is not in scope of Bidder in this RFP. | Understanding is in line with the RFP clauses. |
| 17 | | DC & DR - General | Is DR expected to be 100% of DC in terms of Infra components i.e. compute, storage, network, etc. | Bidder's understanding is in line with the requirement specified in the RFP document. |
| 18 | | DC & DR - General | Assuming all passive cabling (fiber/copper) for connectivity of servers with network devices in DC/DR would be managed by TPCODL and there is no scope of bidder. | Bidder's understanding is in line with the requirement specified in the RFP document. |
| 19 | | DC & DR - Connectivity | Our understanding is that TPCODL will provide the required LAN, WAN, Internet, VPN Connectivity for DC/DR, Bidder location and Non-Prod environments. Please confirm. | Connectivity between DC and DR shall be provided. However Bidder is responsible for monitoring smooth running / access of the applications as well as replications. |
| 20 | | General | Please confirm if bidder needs to provide any Infra Monitoring Solution (EMS/NMS) in this RFP. | TPCODL shall provide EMS/NMS. Access to NMS/EMS shall be provided to the bidder for view to take corrective measures. |
| 21 | ANNEXURE II SCOPE OF WORK AND TECHNICAL SPECIFICATIONS / Page No. 65 | General | Is there any specific scope for the Data track other than upgrading it to the latest version of ArcGIS? | Data migration from existing system to newer system and make the system fully functional including tracing and integration |
| 22 | ANNEXURE II SCOPE OF WORK AND TECHNICAL SPECIFICATIONS / Page No. 66 | General | Since this is an upgrade of the existing solution, can you please detail out the solution landscape, along with all the applications that will be a part of the upgrade? | Page No 123 / 59. Details given in Annexure |
| 23 | 14.3 Web Application Requirements / Page No. 111 | 14.3 Web Application Requirements | Please let us know the technology stack of web GIS. Is it based on Silverlight API (ArcFM Web Viewer) or Javascript based app? | JavaScript with proper security |
| 24 | 15. Integrated Business Process Requirement / Page No. 114 | 15. Integrated Business Process Requirement | Please let us know the existing integration between GIS and other applications, and any new integrations that are proposed as a part of the upgrade. | Details of application compliance and integration list provided in following Annexure 3 - List of Applications Compliance as per RAPDRP SRS & Annexure 4 - GIS Integration with other modules details (Page No 259 and Page No 268) All integration shall be done with the latest modules available during implementation stage. |
| 25 | ANNEXURE- 3 / Page No. 259 | ANNEXURE- 3 LIST OF APPLICATIONS COMPLIANCE AS PER RAPDRP SRS | Can you please segregate the solution requirements in Appendix 3 into desktop, web and mobile? | In remarks column of Annexure 3, TC_GIS_WB refers to Web Applications and TC_GIS_DK refers to Desktop Applications. In Web and mobile, there will not be any data base intervention. However data collected from field will be stored in a staging environment and for Redline, a dummy layer will be created and shall be sent to GIS server for updation. |
| 26 | ANNEXURE- 3 / Page No. 260 | ANNEXURE- 3 LIST OF APPLICATIONS COMPLIANCE AS PER RAPDRP SRS | Can you please provide a list of all the functionalities that are available and the ones that should be developed new as a part of this implementation? | List of applications mentioned in Annexure 3 are developed and available. QA and QC Tools like NIN - Network Identification Number, From GIS Id To GIS Id, GIS Id Generation, CIN - Customer Identification Number, Map Grid No, Sequential Building ID, Pole Painting Logic, Road Code generation, MRU generation to be developed |
| 27 | General | | Will there be any field data (survey) captured by TP personals to be migrated during this Application Roll out phase (From SRS Submission stage to Go-Live). If so, what would be the volume of such data (Frequency) received uptill 6th Month of Go-Live. | There will be 2 Cutoff dates. 1. One set of data needs migration to carry out development activity. 2. Once new system is ready, final cutoff data will be migrated from existing production environment i.e. from Old system. |

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| 28 | Data migration scope mentioned in Chapter – 6 | | Data migration scope mentioned in Chapter – 6 of RFP document highlights about Master data and additional data to be migrated. Please help in understanding the objects/entities & volume against each scope of Master/Additional database to be migrated. | There will be 2 Cutoff dates. 1. One set of data needs migration to carry out development activity. 2. Once new system is ready, final cutoff data will be migrated from existing production environment i.e. from Old system. |
| 29 | Chapter 6 , SOW | | As mentioned in Chapter – 6, SOW highlights SI needs to prepare list of objects with count for migration. Vendor assumes that this list needs to be calculated from existing asset details/no.s in the current ESRI system. | Counts will be as per the data provided for migration...however a system based report/dashboard must be there to match the pre and post counts. |
| 30 | General | | Post-implementation phase, Will there involve any manual data migration activities or QA/QC manual checks involving any field data or new asset data. | Yes will be part of sustenance activity and shall be done by in house team of TPCODL. |
| 31 | General | | Does this scope involves building the data model, incorporating the Survey and field asset data? | Survey is not part of the scope. |
| 32 | GCC 5.1 and 5.2, Page 283 | The prices shall remain unchanged irrespective of TPWOODL making changes in quantum in all or any of the schedules of items of contract. | Any Change shall be with mutual agreement and price change may occur based on additional effort | TPCODL Tender clause stands. |
| 33 | 14.3 Failure in Guarantee Period (GP) | If during the Warranty/ Guarantee period some parts of the supplies are replaced owing to the defects/ damages under the Warranty, the Warranty period for such replaced parts shall be until the expiry of twelve months from the date of such replacement or renewal or until the end of original Guarantee period, whichever is later. | The end of Guarantee period for any parts of the supplies shall be maximum till the end of contract and not beyond that | Tender clause stands & to be complied |
| 34 | 22.0 FORCE MAJEURE Force Majeure applies if the | Neither party shall be considered to be in default or in breach of its obligation under the Contract to the extent that performance of such obligation by either party is prevented by any circumstances of Force Majeure which arise after effective date of Contract. | FME will not release TPCODL from making payments of the services rendered till effective date | Tender clause stands & to be complied |
| 35 | | If the default or breach as specified under clause 24 (except sub clause g thereof) be committed by the associate for the first time, TPCODL shall issue, along with notice of default or breach, a warning notice instructing the associate to take remedial/corrective action within the time frame stipulated in the warning notice and not to repeat the same in future. The timeframe for corrective action by the associate shall be specific to the nature of breach of contract and the same shall not be objected to by the Associate. If the Associate fails to comply with the instructions in the warning notice or in taking corrective action to the satisfaction of TPCODL then TPCODL may terminate the entire or part of contract at its discretion by issuing termination notice without incurring any liability on this ground. | A minimum 30 days cure period shall be provided | Tender clause stands & to be complied |
| 36 | | Without prejudice to its right to terminate for breach of contract, TPCODL may, without assigning any reason, terminate the Contract in whole or in part at any time at its discretion while the contract is in force by serving a written notice of two weeks to the Associate. | Two week notice for termination is too short. As in above clause a cure period of 30 days shall be provided and beyond that 60 days notice shall be given for termination | Tender clause stands & to be complied |
| 37 | 24 TERMINATION OF CONTRACTS | v) It shall be open to TPCODL to seek invocation of the performance bank guarantee or any other guarantee or other security deposit by whatever name called submitted by the associate, which shall not be objected to or protested against by the associate. | Client can invoke PBG in case of default only, also can recover upto the cost of default milestone | Tender clause stands & to be complied |
| 38 | | b) The Associate shall be entitled to receive and claim only such payments OR sums of money from TPCODL as may be found payable to it in regard to works executed by it under the terms of the contract and no other claim of any nature whatsoever shall be made by the Associate. | Client needs to pay for all the services delivered till date and termination fees if any agreed in SOW | Tender clause stands & to be complied |
| 39 | | In the event of such termination, TPCODL may finish the Work by whatever method it may deem expedient, including the hiring of services and /or purchase of material equipment from such third parties as TPCODL may deem fit or may itself provide any labor or materials and perform any part of the Work. The associate undertakes to bear the incremental costs if any paid by TPCODL in such a case attributable to failure on the part of the associate. The Associate in such a case shall not be entitled to receive any further payments and any sums found payable to it may be adjusted by TPCODL against the amount recoverable from him on this ground. The same shall be without prejudice to other rights available to TPCODL under law against the associate. | The incremental cost shall be limited to 110% of the cost for which work was finished by TPWOODL after termination | Tender clause stands & to be complied |

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| 40 | 6.3 Payment & Statutory Deductions | Payment shall be released within 30 days from the submission of the bills. The associate shall submit "No Demand Certificate" in the format as per Annexure-D at the time of receipt of full and final payment. In case any non-compliance to contract conditions comes to TPCODL's notice, TPCODL will be entitled to deduct 30% of estimated wages plus 20% of wages as TPCODL's overheads. Associates would be obliged to provide the copy of monthly wage sheet in any case, failing which no payment shall be made. TPCODL at their sole discretion may deposit the PF etc. with statutory authorities. TPCODL will deduct the amounts of TDS as per statutory requirement under the income tax act and the DVAT Act and certificates (wherever applicable) will be issued to associate accordingly. | This is a fixed contract and wage paid by Infosys is not disclosed. | Noted |
| 41 | 6.3.1 Statutory Deductions | For consumption of TPCODL's Water and Electricity by Associate for execution of Contract, Associate shall pay 0.5% & 1.0% respectively of contract value and it shall be deducted from the running bills. | Infosys will not consume any water of TPWODL and hence this clause is not applicable to us. In case of use of premise actual metered consumption of electricity will be paid. | Noted |
| 42 | Page 17 | Schedule for Items: Supply of Hardware for Implementation of GIS with 5 years warranty. | Our understanding as mentioned in technical specifications bidder to supply compute servers with 5 years of warranty. There is no other hardware like storage, network & security components supply, implementation & warranty is in scope of this RFP. Kindly confirm. | Understanding is in line with the RFP clauses. |
| 43 | Page 92 | The GIS database shall have deployment readiness on standard OEM supported RDBMS (Oracle, SQL Server etc.) - Bidder has to ensure the support of proposed RDBMS from its respective OEM. | We understood bidder to plan the deployment for GIS application on standard DB licenses only for all the environments including production. Kindly clarify? | Please refer to the response mentioned against the clarification sr. no 14 |
| 44 | Page 71 | Existing Hardware Details | Kindly confirm the warranty/support mechanism available from OEMs of the existing hardware. | Existing system is under FMS of RAPDRP project. Existing solution will continue to exist and final cutoff data from existing system shall be migrated to new system. |
| 45 | Page 73 | SI will also configure separate staging / editing environment along with test environment and version management to support data editing process apart from the production environment that would support the applications and integrations, following industry best practices. | Please specify if bidder need to take any considerations while sizing the Infra requirements for development and production (with HA or without HA). | Bidder can demonstrate the better way of doing the configuration using the proposed hardware BOQ. |
| 46 | Page 73 | SI will also configure separate staging / editing environment along with test environment and version management to support data editing process apart from the production environment that would support the applications and integrations, following industry best practices. | We assumed that bidder has to supply & implement the servers for development & staging environment as required. Other Infra like Data Center hosting Including Racks, Caging, Power, cooling, cabling, Biometric access, and video surveillance, etc. will be Provided and managed by TPCODL, and it is not in scope of Bidder in this RFP. Kindly confirm. | Please refer to the response mentioned against the clarification sr. no 11 |
| 47 | Page 106 | Within one week of Project Kick Off, Implementation agency shall finalize detailed BoQ, Data Center architecture, specifications and deployment plan of production environment Hardware and related components. TPCODL will provide required production environment as per production deployment plan given by implementing agency. | Our understanding of the RFP is bidder to design, provide the architecture & sizing of IT infrastructure for all environments. However, supply, implementation & maintenance including but not limited to Storage, backup & archival, disaster recovery solution, Operating System, networking and security services like DNS, VPN, firewall, intrusion prevention, SIEM, anti-virus, anti-malware, DDOS protection etc. for all environments including production and DR is not in scope of the Bidder of this RFP. | Please refer to the response mentioned against the clarification sr. no 12 |
| 48 | Page 73 | The solution shall provide the functionality to configure the roles & responsibilities and grant role based access to the users. Also, the system shall have the capability to integrate with various standard SSO (Single Sign-On) or IDM (Identity Management) applications. | Kindly confirm if there is scope of bidder need to provide the any third party solutions for Single Sign-On (SSO) & IDAM ? | Please refer to the response mentioned against the clarification sr. no 13 |
| 49 | Page 74 | GIS Software/Platform Augmentation: The SI shall undertake GIS Web based Application, and Supply of compatible Database licenses as part of scope of work. The GIS platform augmentation/upgrade activity will comprise of following activities. | Please confirm if bidder can propose the required database licenses quantity for for all environments i.e. Development, Staging & Production ? | Please refer to the response mentioned against the clarification sr. no 14 |
| 50 | Page 78 | Web servers in HA mode QTY 4 number same configuration as for the application server and this server should support virtualization created as shared resources of application server. | As per the best practices consolidating both application and web servers in same physical servers is a risk. Please confirm if bidder can propose the separate physical nodes for web servers. | Bidder can demonstrate the better way of doing the configuration using the proposed hardware BOQ. |
| 51 | | General | Our understanding is that any client side infrastructure including but not limited to desktops, laptops, printers etc is not in scope of Bidder in this RFP. | Understanding is in line with the RFP clauses. |
| 52 | | DC & DR - General | Is DR expected to be 100% of DC in terms of Infra components i.e. compute, storage, network, etc. | Please refer to the response mentioned against the clarification sr. no 17 |
| 53 | | DC & DR - General | Assuming all passive cabling (fiber/copper) for connectivity of servers with network devices in DC/DR would be managed by TPCODL and there is no scope of bidder. | Please refer to the response mentioned against the clarification sr. no 18 |
| 54 | | DC & DR - Connectivity | Our understanding is that TPCODL will provide the required LAN, WAN, Internet, VPN Connectivity for DC/DR, Bidder location and Non-Prod environments. Please confirm. | Please refer to the response mentioned against the clarification sr. no 19 |
| 55 | | General | Please confirm if bidder needs to provide any Infra Monitoring Solution (EMS/NMS) in this RFP. | Please refer to the response mentioned against the clarification sr. no 20 |
| 56 | ANNEXURE II SCOPE OF WORK AND TECHNICAL SPECIFICATIONS / Page No. 65 | General | Is there any specific scope for the Data track other than upgrading it to the latest version of ArcGIS? | Data migration from existing system to newer system and make the system fully functional including tracing and integration |

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| 57 | ANNEXURE II SCOPE OF WORK AND TECHNICAL SPECIFICATIONS / Page No. 66 | General | Since this is an upgrade of the existing solution, can you please detail out the solution landscape, along with all the applications that will be a part of the upgrade? | Page No 123 / 59. Details given in Annexure |
| 58 | 14.3 Web Application Requirements / Page No. 111 | 14.3 Web Application Requirements | Please let us know the technology stack of web GIS. Is it based on Silverlight API (ArcFM Web Viewer) or Javascript based app? | JavaScript with proper security |
| 59 | 15. Integrated Business Process Requirement / Page No. 114 | 15. Integrated Business Process Requirement | Please let us know the existing integration between GIS and other applications, and any new integrations that are proposed as a part of the upgrade. | Details of application compliance and integration list provided in following Annexure 3 - List of Applications Compliance as per RAPDRP SRS & Annexure 4 - GIS Integration with other modules details (Page No 259 and Page No 268) All integration shall be done with the latest modules available during implementation stage. |
| 60 | ANNEXURE- 3 / Page No. 259 | ANNEXURE- 3 LIST OF APPLICATIONS COMPLIANCE AS PER RAPDRP SRS | Can you please segregate the solution requirements in Appendix 3 into desktop, web and mobile? | In remarks column of Annexure 3, TC_GIS_WB refers to Web Applications and TC_GIS_DK refers to Desktop Applications. In Web and mobile, there will not be any data base intervention. However data collected from field will be stored in a staging environment and for Redline, a dummy layer will be created and shall be sent to GIS server for updation. |
| 61 | ANNEXURE- 3 / Page No. 260 | ANNEXURE- 3 LIST OF APPLICATIONS COMPLIANCE AS PER RAPDRP SRS | Can you please provide a list of all the functionalities that are available and the ones that should be developed new as a part of this implementation? | List of applications mentioned in Annexure 3 are developed and available. QA and QC Tools like NIN - Network Identification Number, From GIS Id To GIS Id, GIS Id Generation, CIN - Customer Identification Number, Map Grid No, Sequential Building ID, Pole Painting Logic, Road Code generation, MRU generation to be developed |
| 62 | Page 74 | SI shall be responsible for carrying out the User Acceptance Testing and acceptance for final deployment solution at the utility site. | Assuming that testing team will provide only support during UAT, UAT will be done by the TPCODL team. Please clarify. | UAT will be done by the TPCODL user group. However related bugs if found during UAT shall be fixed immediately / within the UAT acceptance timelines by the SI. |
| 63 | Page 15, Section 7.5 Payment Terms | 2-Hardware, Software Installation, Configuration and Readiness of GIS development environment at utilities premise - 10% of PO Value | Does the bidder need to supply the development environment including the underlying IT infrastructure ? | Only Server Components to be provided |
| 64 | Page 17, Section ANNEXURE I Schedule for Items | 1-Supply of Hardware for Implementation of GIS with 5 years warranty. - Qty 8 | Does the bidder need to supply only the server hardware including OS and the remaining IT infrastructures like SAN, SAN storage, Ethernet Switch, router, Firewall, other security infrastructures, Antivirus etc will be provided by TPCODL as part of the DC infrastructure ? | Understanding is in line with the RFP clauses. |
| 65 | Annexure II, Page 14, Section 10.1 Application Servers | 3 - Operating System Support the latest version of Windows Server 2019 64bit released by Microsoft ,should be loaded Windows latest data centre edition with 5 years support. | Can the bidder supply Windows 2019 Standard Edition instead of Datacentre Edition ? | Applicable Latest edition Windows Server license with appropriate OEM support (Minimum 5 years) to be provided to support the solution proposed by the bidder |
| 66 | Annexure II, Page 15, Section 10.1 Application Servers | 6 - 1 Year Comprehensive Onsite Hardware Warranty 24*7 with 4 hr. response time extendable to 4 years | Does the bidder need to provide only 1 year of support for the supplied hardware and after that the hardware support will be taken care by TPCODL ? | 5 Years comprehensive onsite OEM Warranty 24*7 with 4 hr. response time is to be provided by bidder. |
| 67 | Annexure II, Page 15, Section 10.1 Application Servers | 7 - Should equipped with TPCODL Rack and rack mounting kit and KVM switch. | Does the bidder need to supply Server Rack with redundant PDU and KVM switch along with the server ? | No. |
| 68 | Annexure II, Page 15, Section 10.2 Database Servers | 5 - Server should be configured with 4 * 1.2TB 10K SAS 12Gbps 2.5in-HS HDD or higher scalable up to 8 drives. | Nowadays, SSD is normally considered for database servers due to its performance. Does the bidder need to consider 10K RPM HDDs only for these servers ? | Tender clause stands. Better configuration shall be accepted. |
| 69 | Annexure II, Page 15, Section 10.2 Database Servers | 7 - Should equipped with OEM Rack and rack mounting kit and KVM switch. | Does the bidder need to supply Server Rack with redundant PDU and KVM switch along with the server ? | No. |
| 70 | Annexure II, Page 15, Section 10.3 Web Server | Web servers in HA mode QTY 4 number same configuration as for the application server and this server should support virtualization created as shared resources of application server. | It is understood that the Web servers will be hosted on the same physical server as the application server as a separate VM. Please confirm. | Understanding is in line with the RFP clauses. |
| 71 | Annexure II, Page 18, Section 12 Instructions | 9. Any work if specifically not mentioned but implied for the successful implementation and performance of the proposed work is deemed to be included and is to be executed within the scope of the contract without any variation. | It is understood that the bidder need to size and supply the server hardware including underlying OS and database license and other associated IT infrastructure like SAN, SAN storage, Data Backup, Replication, Network, Security, IDAM etc., will be provided by TPCODL during implementation as part of data centre infrastructure. Please confirm. | Understanding is in line with the RFP clauses. |
| 72 | Annexure II, Page 42, Section 14.1 General Requirements | 1. Within one week of Project Kick Off, Implementation agency shall finalize detailed BoQ, Data Centre architecture, specifications and deployment plan of production environment Hardware and related components. TPCODL will provide required production environment as per production deployment plan given by implementing agency. | Kindly clarify whether the Bidder need to supply the production environment hardware or TPCODL will provide the same. | Please refer to the response mentioned against the clarification sr. no 12 |
| 73 | Annexure II, Page 42, Section 14.1 General Requirements | 2. Development environment established by implementing agency, shall be property of TPCODL and shall be handed over, in working condition, to TPCODL at the time of project closure and handover. | Does the bidder need to supply and install the development environment including underlying IT infrastructure ? | Development environment to be set up by bidder. Infrastructure as mentioned against sr. no 12 shall be provided by TPCODL. |

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| 74 | Page 83 Page 279 | Section 13 Bidder's Technical Qualifying Requirements Section 4.1 Technical Evaluation | One Technical Scoring criteria has been mentioned in page # 83, where minimum qualification marks to be scored by bidder is 30 out of 50. Another technical evaluation criteria has been given at page # 279, where bidder needs to score >70 (out of 100) to be technically qualified for next step. Which criteria would Bidder, actually, need to adhere to? Can you kindly clarify, since these two criteria are completely different from each other. | Bidder need to adhere to Page 83 (SCC). Page 279 is GCC. |
| 75 | Page 6 & 7 1.7 Qualification Requirement / Eligibility Criteria | 1. The bidder must have prior experience in ArcGIS & ArcFM software installation and custom development & integration with mobile application in government / private utility in India with at least one order with value of minimum 10 Cr. or two orders with a value of minimum 5 Cr. each in last 5 years. 6. The bidder must have executed at least one ArcGIS & ArcFM project in Power distribution utility and its integration with any two of the following modules - ERP, CRM, SCADA/DMS, Network Analysis and MDAS, anywhere in India in last 5 years. | Can the following relaxation be given to these Two said criteria - 1) Global utility instead of India utility 2) "in last 10 years" instead of 'in last 5 years'? | Tender clause stands & to be complied |
| 76 | 74 | GIS Software/Platform Augmentation | ArcGIS server is now called ArcGIS Enterprise which include ArcGIS server and Portal both and ArcGIS server is federated with Portal. In tender doc there is no mention about requirement of Portal. Please confirm whether ArcGIS Enterprise will be there as part of to-be GIS Software BOM? | Yes. The existing version will be upgraded to latest ArcGIS Enterprise, which contains ArcGIS Server and Portal |
| 77 | 74 | GIS Software/Platform Augmentation | It is always recommend to have at least one license of ArcGIS Advance Desktop with ArcGIS server Advance license but we didn't find it in tender doc. Please confirm? | Existing ArcGIS Desktop Standard licenses are considered for the upgradation to the latest version. ArcGIS Desktop Standard is sufficient for the present requirement . |
| 78 | 74 | GIS Software/Platform Augmentation | Please confirm whether ArcGIS Pro is part of ArcGIS Desktop solutions? | Yes, ArcGIS Pro is entitled with ArcGIS Desktop |
| 79 | 75 | Warranty/Post implementation Support Compliance (2.2) | What is the % of customization on the existing GIS applications? (e.g. 70% out of the box and 30% customization) | Existing Custom Application Source Code shall be provided. |
| 80 | Generic | Generic Question | What is the platform of web application (silverlite, Flex, JavaScript or others)? | JavaScript with proper security |
| 81 | 72 | Integration of GIS platform through appropriate connector/web services with existing legacy system ERP, CRM, MDAS, NA, EA and SCADA systems. | Please confirm on product and the versions details of ERP, CRM, MDAS, NA, EA and SCADA systems and the integration methods (e.g. middleware is used currently for integration or all the integration are point to point)? | Standard COTS products are implemented at TPCODL for ERP (SAP), CRM (SAP), MDAS (Analogics), NA (Cyme), EA (SAP) and SCADA (DFE 8000) systems. However all applications can be integrated via SOA framework and additionally SCADA system |
| 82 | 73 | The total data migration scope includes the following a) All Master Data – Must be migrated b) All additional data provided during the deployment phase must be migrated | What is the current Geo-database size - with no. of feature classes/records is available and considered for migration? Any data consolidation or transformation is required as part of the migration? Any data quality analysis or cleansing is considered in scope for the bidder? | 1. 2.5 gb 2. It is already in ARCFM environment 3. No |
| 83 | 89 | 1.20 Solution shall support Terrain analysis , DEM | To support terrain analysis, DEM either ArcGis desktop Advance or 3D and Spatial analyst extension license is required, however the license details for this is not mentioned in the provided BOM. Please confirm? | ArcGIS 3D Analyst and Spatial Analyst licenses are required for terrain analysis and 3D visualization capability. However, the present scope of the project as elaborated in the NIT does not involve any requirement for imagery and such analyses. |
| 84 | 89 | 1.22 Solution shall support integration with weather plugin | Which weather plugin is currently used, with technical details on the API? Is it configured to work with Web, Desktop or both? | There are multiple weather services that can be incorporated based on the availability and compatibility of APIs. TPCODL will take such plugins from OEM if at all required, same shall be integrated to work in web and to be given to bidder for configuration. |
| 85 | 14 | 7. Out of Box Mobile Application Configuration | Please provide details on the current mobile applications, with details on the technical platform used? | Esri has 2 set of mobile apps, viz. ArcGIS Field Maps and Survey123 both of which are readily configurable applications available on Play store and App store. These applications can be useful in exploring , querying , search, redefining and inspections purposes easily and are made available with ArcGIS Enterprise . Any requirement for custom built mobile applications shall however be within the scope of the SI service provider. |
| 86 | 74 | Bidder should configure and customize off line/on line Mobile based application for field survey using ESRI latest Mobile application. The mobile applications should support viewing GIS data and capturing GIS coordinates for TPCODL field officers. | ESRI Mobile applications is only supported with ArcGIS enterprise setup, please confirm if ArcGIS enterprise in considered for to be architecture, as it is not explicitly mentioned in the provided document? Can we propose ESRI COTS mobile apps like Survey 123, Field Maps, Quick Capture etc. as mobile solution? | Yes. The existing version will be upgraded to latest ArcGIS Enterprise, which contains ArcGIS Server and Portal |
| 87 | Generic | Generic Question | Please provide conceptual overview of the existing GIS landscape and architecture | Details shall be shared with the selected party during SRS phase. |
| 88 | Generic | Generic Question | Please provide conceptual overview of the existing integrated systems and solution approach | Details shall be shared with the selected party during SRS phase. |
| 89 | 69 | Current GIS Implementation | What is current state of As-Is application is same as RAPDRP compliance? If yes then is everything in operation? | Same as RAPDRP |

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| 90 | Generic | Generic Question | What is the existing remote connectivity mechanism (like VPN) and what will be the to-be state? | Through LAN and VPN |
| 91 | Generic | Generic Question | Please provide the details on the total and concurrent user base for the following 1) No. of desktop 2) web (editor and viewer) and 3) mobile users? | 1. 20 2. 250 3. Unlimited |
| 92 | Generic | Generic Question | Is there any existing performance benchmark available for the current GIS setup? | Not available |
| 93 | Generic | Generic Question | Can you please provide the incident dump for last 6 months for existing GIS applications? | Details shall be shared with the selected party during SRS phase. |
| 94 | Generic | Generic Question | Can you please provide the number of GIS incidents in the last 6 months? | Details shall be shared with the selected party during SRS phase. |
| 95 | Generic | Generic Question | Our understanding is that bidder is not responsible for data quality. Please confirm. | Data creation is not part of scope. However there shouldn't be any data loss during migration |
| 96 | TPCODL/P&S/1000000109/2021-22 8. Warranty/Post implementation Support Compliance Page #75 | Implementation of product patches, all new upgrades, licenses shall be provided within three weeks of release. | TPCODL will coordinate with OEM for released of product patch and hot fixes and same will be delivered to Ceinsys Tech Ltd for the testing of patches and hot fixes in test environment once verified and calculate the impact on existing application then move to production. Please confirm. | Bidder's understanding is in line with the requirement specified in the RFP document. |
| 97 | TPCODL/P&S/1000000109/2021-22 1.23 Technical Specifications Compliance Page # 89 | Local Language (Hindi , Odiya) support for web and mobile applications will be an added advantage | The existing application is design which language. We would like to follow the same language in web and mobile interfaces. Please confirm. | All development will be in english. However some pages including home page will have options to switch between languages. |
| 98 | TPCODL/P&S/1000000109/2021-22 15. Integrated Business Process Requirement 13. Consumer Operations Management Page # 116 | To capture location of new consumer (Building ID /LAT-Long) in meter installation form Consumer and meter attribute update from field to GIS and ERP | The out of Box mobile application not supported for integration to ERP systems. Please share the business work flow for this use case. | In case of data capturing from field, the data will be stored in a staging environment for integration. Detailed business process will be discussed during SRS stage. |
| 99 | TPCODL/P&S/1000000109/2021-22 Page- 73 | b) All additional data provided during the deployment phase must be migrated | We assume that migration of data during development phase will be happen for one time only . During ATS phase migration of data will not be responsibility of SI. | It's an one time activity. After full migration i.e Cutoff No. 2, all incremental data will be part of sustenance digitisation within the environment. |
| 100 | TPCODL/P&S/1000000109/2021-22 Page - 77 | 9. Documentation, User Manual and Training Compliance Training The successful bidder shall involve the team of TPCODL to update about the product, features, functionality etc. | Please provide the location detail and no. of officers will attend the training. | Trainings will be at division level. There are 20 divisions in TPCODL area. Maximum 20 no of officers will attend to witness the web application, learn to extract reports, MIS and will be trained to adopt the sustenance process using web/mobile applications. |
| 101 | TPCODL/P&S/1000000109/2021-22 7 Post Award Contract Administration 7.1. Special Conditions of Contract Page - 13 | Business Associate (BA) shall submit applicable Performance Bank Guarantee as per GCC within 15 days of issuance of order. PBG applicable shall be 10% of Order Value. PBG submitted, shall be released after completion of applicable guarantee period plus one month. | As per the recent circular from Government Circular No. F.9/4/2020-PPD Dated 12.11.2020 issued by Ministry of Finance, Department of Expenditure , the rates for PBG submission has been reduced from 10% to 3%. We request that similar benefit is provided against this bid. | Tender clause stands & to be complied |
| 102 | TPCODL/P&S/1000000109/2021-22 7.5 Payment Terms | <u>Payment Terms</u> 1. SRS and data Modelling Documentation preparation and Submission to TPCODL - 10% of PO Value 2. Hardware, Software Installation, Configuration and Readiness of GIS development environment at utilities premise - 10% of PO Value 3. Cut off Data Migration - 10% of PO Value 4. Migration of Custom Applications and Training to core team. - 10% of PO Value 5. Reconfigure / Integration with SAP ISU, ERP, Energy Audit, CRM, NA, MDAS - 10% of PO Value 6. Integration with SCADA - 5% of PO Value 7. Out of Box Mobile Application Configuration - 5% of PO Value 8. User Acceptance Testing (UAT) or System Acceptance Testing & Deployment (Production Rollout and declare GO Live) - 10% of PO Value 9. Documentations/user manual, Performance Testing, Web Security Testing and Training - 10% of PO Value 10. Warranty/Post implementation support after production rollout (1 year after Go-live and successful handover) - 20% of PO Value 11. Annual Maintenance Contract – 4 years after the end of warranty period. - 25% of annual PO Value for Service Portion on quarterly basis | Request for change in payment terms as follows: 1. SRS and data Modelling Documentation preparation and Submission to TPCODL - 10% of PO Value 2. Hardware, Software Installation, Configuration and Readiness of GIS development environment at utilities premise - 20% of PO Value 3. Cut off Data Migration - 10% of PO Value 4. Migration of Custom Applications and Training to core team. - 10% of PO Value 5. Reconfigure / Integration with SAP ISU, ERP, Energy Audit ,CRM, NA, MDAS - 10% of PO Value 6. Integration with SCADA - 10% of PO Value 7. Out of Box Mobile Application Configuration - 10% of PO Value 8. User Acceptance Testing (UAT) or System Acceptance Testing & Deployment (Production Rollout and declare GO Live) - 10% of PO Value 9. Documentations/user manual, Performance Testing, Web Security Testing and Training - 10% of PO Value 10. Warranty/Post implementation support after production rollout (1 year after Go-live and successful handover) - 0% of PO Value 11. Annual Maintenance Contract – 4 years after the end of warranty period. - 25% of annual PO Value for Service Portion on quarterly basis | Tender clause stands & to be complied |
| 103 | TPCODL/P&S/1000000109/2021-22 17.2 Penalty clause | Successful bidder, if fails to complete works as per the schedule specified in the RFP, the successful bidder shall pay to the TPCODL as a penalty, which is calculated at the rate of one half percent (0.5%) of total order value for each week or part thereof of delay in the completion of the works subject to a maximum of ten percent (10%) of order value. | We request that LD of 0.5% be levied on unfinished / undelivered portion of the respective milestone subject to 10% of contract value. | Tender clause stands & to be complied |

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| 104 | TPCODL/P&S/1000000109/2021-22 | General | We understand that MAF is not applicable since the customised solution is being provided and TPCODL to provide the OEM licenses for upgrade. | Applicable Tender Conditions to be complied. |
| 105 | TPCODL/P&S/1000000109/2021-22 3.1 Bid Submission Page-9 | FIRST PART: "EMD" as applicable shall be submitted. The EMD shall be valid for 210 days from the due date of bid submission in the form of BG / Bank Draft / Bankers Pay Order (issued from a Scheduled Bank) online NEFT/ RTGS transfer favoring 'TP Central Odisha Distribution Limited' payable at Bhubaneswar | Request for Exemption of EMD for MSME companies | Tender clause stands & to be complied |
| 106 | 7.1. Special Conditions of Contract Page - 13 | PBG applicable shall be 10% of Order Value. | We request for reduction of PBG value from 10% to 3%. | Tender clause stands & to be complied |
| 107 | 7.5 Payment Terms | <u>Payment Terms</u> 2. Hardware, Software Installation, Configuration and Readiness of GIS development environment at utilities premise - 10% of PO Value | We request for 30% of PO Value instead of 10% | Tender clause stands & to be complied |