

Response to Pre-Bid Queries				
	TENDER NO. BI-RIDE/PMIS/01/2026		CPPP Tender No: 2026_KRIDE_271960_1	24.04.2026
Name of the Work : Design, Supply and Implementation of Project Management Information System (PMIS) for Civil, Electrical and System Works with Cloud-based Common Data Environment (CDE) of Bengaluru Suburban Transport Project (BSTP) and other Projects				
S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
1	Page No 34 -> Clause 5.3 -> Stage 1:	1. Technical Eligibility Criteria: Minimum Eligibility Criteria: -> Clause 5.3 A -> i. At least One "Similar Work" of value of INR 6.4 Crore or more OR ii. At least two "Similar Work" of value of INR 4 Crore or more OR iii. At least three "Similar Work" of value of INR 3.2 Crore or more. "Similar Works" for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Metro/RTS/Airport /Shipyards/Refineries/Steel/Power Plant Projects.	Request for Clarification – Similar Work Criteria (Clause 5.3 A) With reference to the above clause, we would like to submit that we have provided a similar PMIS platform to Central Public Works Department (CPWD) at the central level. The platform is being utilized across multiple projects, including Solar Power Plant projects. In this regard, we request you to confirm whether this engagement may be considered as qualifying experience under the "Similar Work" criteria as per Clause 5.3 A. Please note that we meet the prescribed contract value requirements as per tender.	Bid Condition shall Prevail
2	(Clause 5.3)	2. Request for Clarification – Yearly Escalation Matrix	With reference to Clause 5.3 pertaining to the value proposition as per tender requirements, we would like to bring to your kind notice that we could not identify any provision regarding a yearly escalation matrix for deriving the contract value to be consider for the tender from the date of LOA in the tender document. In this regard, we request you to kindly confirm whether any escalation is applicable. If applicable, we request you to please specify the applicable terms, conditions, and escalation mechanism. We look forward to your clarification.	Refer corrigendum-1 SI No.04
3	Annexure-1A	Integration with Primavera/MSP & SAP HANA	Kindly clarify specific data points required for integration (schedule, cost, resources, progress, invoices, etc.) and expected outputs for dashboards and reporting.	MSP/Primavera P6 and SAP HANA S4 (Modules HR, MM, FICO and PS) needs to be integrated.
4	SECTION 2. INFORMATION TO CONSULTANTS	Section 3F – CV Submission	Are CVs of key professionals required at bid submission stage or after award? Should they be signed at this stage?	During Bid Submission Stage.
5	SECTION 2. INFORMATION TO CONSULTANTS	Staff Effort (Sections 3G & 3H)	Do we need to submit complete manpower deployment including all technical/non-technical staff or only key personnel?	Yes. Complete manpower deployment schedule is required
6	SECTION 2. INFORMATION TO CONSULTANTS	Organization Chart	Should full organization structure be submitted or only project-specific deployed team?	Full organization Structure is required
7	Annexure-1A	Revit, Power BI/ GIS/ Primavera/ SAP Hana	Are this software already in place and bidder doesn't have to provide or implement?	Revit, GIS, Primavera P6 and SAP HANA S4 (Modules HR, MM, FICO and PS) are in place. Power BI /Other softwares required for PMIS to be provided by Bidder. Refer corrigendum-1 SI No.29,13
8	Section-3; Standard Forms	ESHS Code of Conduct	Is certification mandatory? Will absence lead to disqualification or can undertaking be submitted?	Certification is Not Mandatory
9	Section-3; Standard Forms	Form of Contract	Is the Form of Contract to be filled during bid submission or post-award?	During Bid Submission Stage.
10	SECTION – 6 Contract for Consultancy Services	Remuneration Clause	Please clarify applicability of 5% annual escalation and whether it applies to all manpower categories.	Yes

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11	SECTION – 6 Contract for Consultancy Services	Performance Security (Clause 13)	When should 3% Performance Security be submitted—at LOA stage or contract signing?	Bid Condition shall Prevail. Refer Additional Clause-13
12	SECTION – 6 Contract for Consultancy Services	Security Deposit (Clause	Clarify timing and mode: upfront	Bid Condition shall Prevail. Refer Additional Clause-14
13	SECTION 2. INFORMATION TO CONSULTANTS	A. Eligibility – Work Experience (₹6.4 Cr Criteria)	Similar Work Definition • Kindly clarify what qualifies as “similar work”: o Is it strictly PMIS implementation projects? o Or will IT systems / ERP / BIM / Digital project monitoring platforms, AEC Design software includes CDE be considered?	Bid Condition shall Prevail
14	SECTION 2. INFORMATION TO CONSULTANTS	Proof of Experience for Credentials	What documents are acceptable: • Work Order • Completion Certificate • Client Certificate • CA Certificate for project value • Invoices • Payment Receipt?	Completion/ substantial completion certificate Issued by employer
15	SECTION 2. INFORMATION TO CONSULTANTS	Technical Evaluation & Scoring	Weightage for Experience • Clarify how marks are distributed for: o Project value o Number of projects o Complexity (PMIS/BIM integration)	Bid Condition shall Prevail
16	SECTION 2. INFORMATION TO CONSULTANTS	Key Personnel Evaluation	Is evaluation based on: • Individual CVs only • OR firm's past projects also linked to personnel?	Individual CVs

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17	SECTION 2. INFORMATION TO CONSULTANTS	Financial Criteria	Turnover Requirement • Whether turnover must be: o From similar services only o OR total company turnover acceptable?	Refer 5.3B(ii):Average Annual Turnover from IT Consultancy services (Cloud based IT/PMIS).
18	Annexure-1A	D. Integration & Technical Scope (Advanced Query – Important for PMIS)	• Who owns the data: o Client or Consultant? • Any requirement for data localization (India-based servers)? If yes then we can deploy software transfer data in to local server as well but server has to be in place.	PMIS is a Cloud-Based Solution with Cloud-instance in the name of Employer. Refer corrigendum-1 SI No.15
19	Page No.34,5,3 A	“Similar Works” for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Metro/RRTS/Airport /Shipyards/Refineries/Steel/Power Plant Projects	We request department to change the clause as mentioend below:- Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Road & Highways/Metro/RRTS/Airport /Shipyards/Refineries/Steel/Power Plant Projects Justification:- Inclusion of Road & Highways is justified as these projects are comparable in scale, complexity, and multi-stakeholder coordination to other listed infrastructure sectors, requiring robust PMIS/CDE solutions. This revision ensures wider competition and aligns the clause with current infrastructure trends, where large-scale road projects extensively utilize digital project management systems.	Bid Condition shall Prevail
20	SECTION 2. INFORMATION TO CONSULTANT	Design, Supply and Implementation of Project Management Information System (PMIS) for Civil, Electrical and System Works of Bengaluru Suburban Transport Project (BSTP) and other projects.	Kindly clarify whether the scope of work is restricted to the Bengaluru Suburban Transport Project (BSTP) only or also includes future projects under Bi-RIDE/K-RIDE within the same contract tenure. If future projects are included, please confirm whether (i) such additions will be within the same commercial framework, (ii) additional licensing, cloud infrastructure, and manpower will be compensated separately, and (iii) there is any defined upper limit for project onboarding. This clarification is critical as inclusion of additional projects will significantly impact system sizing, architecture design, license volumes, and long-term cost assumptions.	Scope of work is limited to BSTP and other projects executed by Bi-RIDE during contract period.
21	Section 1 (LOI) Clause 2, Page No.11	The Consultant shall assist the Client to effectively implement and administer the PMIS System focusing on both, the quality and timely implementation including Training and maintenance as set out in Section 5 – Terms of Reference (TOR).	Kindly provide detailed expectations for training and maintenance scope, including: (i) number of users to be trained (segregated by role such as client, contractor, consultant), (ii) number of training sessions and locations (centralized vs site-based), (iii) requirement for refresher trainings during O&M phase, and (iv) detailed SLA expectations for maintenance (uptime, response/resolution times, penalty structure). This is essential to accurately estimate manpower, effort, and cost over the full contract duration and to avoid underestimation of recurring support obligations.	(i) No. of users will be decided by Employer and it varies during project duration. Bidder shall quote Training in man-month as per BoQ (ii) In Bi-RIDE office and Site-Offices (iii) Training required for maintaining the solution. Refer to Bid Conditions (iv) Refer 6.0 Service Level Agreement (SLA) for CDE in Bid Document
22	Section 2 (ITC) Clause 3.6, Page No.17	In preparing the Financial Proposal, consultants are expected to take into account the requirements and conditions of the RFP documents. The Financial Proposal should follow Standard Forms (Section 4). It lists all costs associated with the Assignment, including: (A)Cost of PMIS License (B)Cost of Manpower: PMIS/CDE & BIM Expert (C)Cost of Cloud Storage (D)Cost for Training	Kindly specify the expected cloud infrastructure and storage assumptions, including: (i) indicative storage volume (TB) to be considered at initial stage, (ii) expected annual data growth rate, (iii) whether compute, bandwidth, and backup/DR costs are to be included within the same line item, and (iv) whether pricing should be fixed or consumption-based. In absence of this clarity, bidders are required to make assumptions, which may lead to inconsistent bids and future commercial disputes.	(i)Refer 5.0 Expected Deliverables and BoQ (ii) To be assessed by the Bidder (iii) Yes (iv) As per ToR, Clause 5.0 Expected Deliverables (g) The default storage space to be provided PMIS with CDE in cloud shall be 5 TB. Above 5 TB, the pricing will be as per TB-Month of BoQ

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23	Page 103, Section 5	Terms of Reference	Kindly provide detailed clarification on integration requirements with external systems such as ERP (SAP/Oracle), Primavera/MSP, GIS, and other project systems, including: (i) list of systems, (ii) data exchange formats, (iii) API availability, (iv) real-time vs batch integration, and (v) responsibility for integration development. This is critical for defining system architecture, estimating integration effort, and ensuring realistic timelines.	Refer corrigendum-1 SI No.13
24	Page 103, Section 5	Terms of Reference	Kindly specify user load requirements for each of the component(BIM, CDE, Project management etc.) , including i) total users, ii) concurrent users, iii) user category/role(Edit/View/approve), and expected scaling over project lifecycle. This is essential for infrastructure sizing, licensing, and ensuring system performance.	(i) Refer Clause 5.0 Expected Deliverables.c) Licenses to users (ii) Refer Clause 5.0 Expected Deliverables.c) Licenses to users (iii) To be assessed by the Bidder
25	Page 103, Section 5	Terms of Reference	Kindly clarify whether a mobile application is mandatory or if a responsive web-based solution is acceptable. If mobile is required, specify platforms (Android/iOS), and scope. This significantly impacts development complexity, timelines, and cost.	Mobile Application is Mandatory
26	Page 103, Section 5	Terms of Reference	Kindly specify reporting and dashboard expectations , including number of KPIs, requirement for configurable dashboards and analytics/BI tools This directly impacts system architecture and reporting design.	Refer to FRS 109 to 110 of Annexure-1A
27	Page 103, Section 5	Terms of Reference	Kindly clarify data migration scope , including data volume, format, quality, responsibility for cleansing/validation, and migration timelines. This is critical to avoid implementation delays and cost overruns.	Refer Corrigendum-1, Section 5.0 Expected Deliverables. e) Archived data for handing over to O&M. Refer corrigendum-1 SI No.17
28	Page 103, Section 5	Terms of Reference	Kindly confirm whether software upgrades, patches, and enhancements during the contract period are included in scope or treated as change requests. This is critical to avoid scope creep and commercial ambiguity.	Refer 6.0 Service Level Agreement (SLA) for CDE, SI.no. 6.5 Contractor will apply the necessary patches and releases, when available.
29	Page 110, Section 5 Clause 3.2	Project team onsite	The RFP mandates onsite deployment; however, modern IT delivery models typically adopt a hybrid approach combining onsite and offshore resources. Kindly confirm whether a hybrid delivery model (onsite + offshore/remote support) will be acceptable, provided SLAs and deliverables are met. This flexibility is essential for optimizing resource utilization, accessing specialized expertise, and ensuring cost-effective delivery without compromising performance.	Refer to 4.3.2 Bi-RIDE intends to have Following support model V. The OEM certified site engineers shall be deployed within 15 days from the request by BI-RIDE
30	Page 111, Section 5 Clause 3.2	Laptop/Systems by contractor	The RFP specifies that laptops/systems shall be arranged by the contractor. Kindly clarify whether any infrastructure support such as secure network access, VPN, or hosting environment will be provided by Bi-RIDE, or whether all such components are entirely in bidder scope. This is critical for accurate cost estimation and ensuring compliance with security requirements.	Employer will provide Furniture, access to WiFi for Engineers deployed for PMIS.
31	Page 111, Section 5 Clause 3.2	Weekly reporting requirement	The RFP mandates weekly reporting; however, reporting formats and tools are not specified. Kindly confirm whether standard templates, dashboards, or reporting formats will be prescribed by Bi-RIDE, or whether bidders are expected to design and implement these within the PMIS. This clarification ensures consistency in reporting expectations and avoids rework during implementation.	To be mutually agreed after award of work
32	Page 111, Section 5 Clause 3.2	Reporting incl. schedule slippages	The reporting requirement includes monitoring schedule slippages and corrective measures. Kindly clarify whether standard KPIs, thresholds, and performance benchmarks will be defined centrally by Bi-RIDE across all projects. This is essential for consistent performance monitoring and proper system configuration.	Refer to 6.0 Service Level Agreement (SLA) for CDE

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33	Page 112, Section 5 Clause 3.4	Project plan within fortnight	The contractor is required to submit a project plan within a fortnight of award. Kindly clarify the timeline for review, feedback, and approval by Bi-RIDE, including expected iteration cycles. This is important to ensure realistic scheduling and avoid delays due to approval dependencies.	Refer Clause 3.4 Implementation Milestones
34	Page 112-113, Section 5 Clause 3.1.1	Detailed proposal incl. workflows, manpower	The RFP requires the contractor to define workflows and implementation approach. Kindly clarify whether baseline workflows/templates, SOPs, or reference process maps will be provided by Bi-RIDE, or whether these must be developed entirely by the bidder. This directly impacts design effort, implementation timelines, and consistency across bidders.	All workflows/templates, SOPs, or reference process maps to be developed entirely by Bidder and get approved from Employer.
35	Page 112 Section 5 Clause 3.4	Go live Within Four months	The Go-Live timeline of four months is specified; however, the implementation scale is not defined. Kindly clarify assumptions regarding number of projects, users, departments, and data migration scope to be covered within this timeline. This is critical to assess feasibility, resource planning, and ensure comparable bid submissions.	Refer SECTION 2. INFORMATION TO CONSULTANTS ; Clause 1.4 - The Consultants must familiarize themselves with local conditions and take them into account in preparing their Proposals. To obtain first-hand information on the Assignment and on the local conditions, consultants are encouraged to pay a visit to the Client before submitting a Proposal....
36	Page 113, Section 5 Clause 3.1.1	Employer approval for cloud provider	The RFP requires employer approval for selection of cloud service providers. Kindly clarify whether there are preferred/empanelled cloud providers, regulatory requirements (e.g., MeitY empanelment, data localization), or mandatory certifications (ISO, SOC, etc.) . This is essential to ensure compliance and avoid rework during implementation.	Refer Clause 1.0 BID OBJECTIVE: c) To host the application through MeitY empanelled cloud service providers.
37	Page 121, Section 6 Clause GCC/PCC	Contract for Consultancy Services	Kindly provide the exact clause specifying Limitation of Liability , including: (i) maximum liability cap as % of contract value, (ii) whether the cap is aggregate or per claim, (iii) exclusions such as IP infringement, confidentiality breach, data loss, or cyber incidents, and (iv) applicability to third-party claims. This clarification is essential for bidders to evaluate financial exposure, determine insurance coverage requirements, and appropriately price long-term risk over the 60-month engagement.	Bid Condition shall Prevail
38	5.3B (ii) Page 35	Financial Eligibility Criteria: Average Annual Turnover from Consultancy Services: The tenderer must have received payments from IT Consultancy services (Cloud based IT/PMIS) in the last five financial years and current financial year up to the date of indentation of tender, which amounts to ₹3.2 Cr. Audited Balance Sheet duly certified by the Statutory Auditor/Certificate from Statutory Auditor duly supported by Audited Balance Sheet.	For this Clause, are the five years considered as FYs 2020-2021, 2021-22, 2022-23, 2023-24 & 2024-25 and current year as 2025-26? However, for the current financial year Audited Balance Sheet is still not available. Please confirm if CA certified un-audited financial figures would be acceptable?	Bid Condition shall Prevail
39	Page 42, Note 1	Note 1 under the Technical Evaluation section states: The Bidder shall have an office in Bengaluru or shall set up an office after the award of the work.	Given that the key personnel will be deputed at the K-RIDE office for 60 months, is setting up of a separate office really neccessay? Would OEM's office meet the requirement?	Refer Corrigendum-1 SI No.07
40	Page no. 56	85. The system shall be able to bidirectional integration with Scheduling software like Primavera P6 and MS Project for planning, scheduling, and monitoring activities and ERP system implemented in Bi-RIDE. SAP HANA solution is implemented in Bi-RIDE	Clarification on the availability of APIs or specific need & extent of integration would be helpful to estimate need for custom middleware development would be beneficial for accurate technical effort estimation. Can extent of integration required be broadly specified?	Refer Corrigendum-1 SI No.09
41	Page 101, BOQ Sheet	The Bill of Quantities (BOQ) lists Providing Min. 2 no. of OEM certified Engineers for day-to- day support till handing over of system to Employer (192- man month) i.e. for 60 months, but the tender document does not provide a price escalation clause for this period.	A price increment of 10% is requested to be considered year on year basis, for the utilization of the man-months during the year, after first year onwards. This is to account for accounting for inflation and cost increases over the 60-month contract period.	Bid Condition shall Prevail

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42	3.1 (Page # 108) Serial no. 5	The Application Requirements The solution will be, essentially characterized by the following features: Solution should provide users with the functionality of screen customization according to their personal preferences at User Interface level without any programming effort.	Can you please elaborate this functionality requirement. This appears a bit unworkable.	Refer Corrigendum-1
43	Page 109, Point 23	The clause states: "Integration with other third-party software like E-Procurement, MS-Project, Primavera, GIS etc. Any licenses required for integration shall be borne by contractor."	We need to understand the exact integration requirements for each listed software (e.g., E-Procurement, MS-Project, Primavera, GIS) and availability of APIs with each of these software, so that the API availability and development effort can be accurately estimated and considered in the proposal.	Refer Corrigendum-1 SI No.13
44	Page 112, 3.5 under 'Objectives of the assignment'	The clause states: "Cloud storage shall be in the name of Employer."	We understand that our OEM is providing the solution directly on the cloud, as part of the license. In such a case, we hope that a license in the name of the client should suffice. Please confirm.	Refer Corrigendum-1 SI No.15
45	Page #105	1.2 Functional Departments/Divisions These include - Business Development (BDD); Company Secretary (CS); Human Resources; Legal; Vigilance; Land etc.	We assume the workfolws of these departments, normally not forming part of PMIS would be expected to be covered under 'AS-IS' process study & only those covered Project Management are required to be covered. These processes are normally part of SAP.	Your understanding ig generally correct. Bid Conditions Prevails
46	Page #107 3 Functionalities	The PMIS has to be implemented as per following standard implementation procedure viz: 1 AS-IS process study	The 'AS-IS' process study required, but the document does not explicitly quantify the volume or format of legacy processes/ data from BSTP that must be migrated into the PMIS.	Refer SECTION 2. INFORMATION TO CONSULTANTS ; Clause 1.4 - The Consultants must familiarize themselves with local conditions and take them into account in preparing their Proposals. To obtain first-hand information on the Assignment and on the local conditions, consultants are encouraged to pay a visit to the Client before submitting a Proposal....
47	3.1.6 (Page #114)	Responsibilities of CDE and BIM Expert shall be but not limited to: The process of structuring of workflows and processes will be continuous and dynamic process throughout the contract period. The contractor shall be liable to provide continuous support from OEM, after the initial one-time deployment.	Could you please clarify the expected frequency and volume of these changes after the initial System Requirement Specification (SRS) is approved?	Refer ToR- Clause 3.1.6 The process of structuring of workflows and processes will be continuous and dynamic process throughout the contract period. The contractor shall be liable to provide continuous support from OEM, after the initial one-time deployment.
48	4.3.2 (Page # 116)	Bi-RIDE intends to have Following support model: a) Onsite support: After Go-Live, 1 to 8 OEM Certified Site Engineers (depending upon BI-RIDE's requirement),	Since it is required that as currently estimated by Bi-RIDE, overall requirement is estimated at around 192 man-months spread over 60 months, it comes to an average of around 3.2 persons. So, Consultant could keep around 4 resources (Certified by OED) at its rolls. For deploying 5 to 8 resources at any time, certain lead time may be required & provided for, say 2 to 3 months.	Refer ToR - Clause 3.1.7 For continuous support, 192 man-months of OEM certified Site Engineer(maximum 8 persons at a time) shall be required to be deployed in BI-RIDE Corporate and field Offices in Bengaluru. The deployed persons shall have OEM Certification for Deployment and Customization of the CDE software offered in the bid. The period of deployment of the OEM certified Engineers may be increased based on the requirements of BI-RIDE.
49	Page 116, Clause 4.3 - Points c, d, e & f	Clause 4.3 (under Software Support) outlines support availability: "OEM Support Desk Availability during working hours, 6 days a week (excluding Sunday and govt. declared Holidays... Access to a 12x7, from 8 am to 8 pm Helpdesk."	During off-business hours (i.e., from 6:00 PM to 9:00 AM) and on Sundays, OEM's ticketing portal will be available. During office hours, onsite deputed resources will resolve queries. For the remaining period (off-hours), support will be provided through a 'ticket' system where any user can log its issue and the team can get back in due course. This will ensure round-the-clock issue logging while optimizing resource deployment. Hope this shall be acceptable.	Bid Condition shall Prevail

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50	3.1 (Page #107)	The Application Requirements S. No.1 "The solution should be user friendly and easy to use across various sites of K- RIDE.	How many project sites are currently there of K- RIDE? Does it refer to	Refer SECTION 2. INFORMATION TO CONSULTANTS ; Clause 1.4 - The Consultants must familiarize themselves with local conditions and take them into account in preparing their Proposals. To obtain first-hand information on the Assignment and on the local conditions, consultants are encouraged to pay a visit to the Client before submitting a Proposal....
51	Page 50, FRS Clause 1	Custom URL : "The platform with a custom URL, single-sign-on (SSO) with existing platforms as per Bi-RIDE requirements in login and major interface pages."	We understand that Bi-RIDE is seeking industry-proven SaaS solutions. It is important to note that such solutions may not always offer custom URLs, unlike bespoke platforms developed from the ground up. Most SaaS solutions utilize a standardized login URL, with unique project-specific URLs generated thereafter. Bi-RIDE users will only have visibility into projects to which they are assigned upon SSO authentication. This architecture is standard across enterprise SaaS solutions and achieves the same functional, security, and access-control objectives envisaged under the custom URL requirement. Request for Clarification: We request confirmation that this approach satisfies with the intent of the stated requirement.	Bid Condition shall Prevail
52	Page 50, FRS Clause 3	Geo-fencing : "Mandatory that data is hosted and processed in a MEITY empanelled Indian Data Centre with geo-fencing of Informational within Indian geographical boundaries."	Kindly clarify whether the requirement pertains to ensuring that all files, data, and backups are stored exclusively within Indian geographical boundaries and limited to the same.	Bid Condition shall Prevail
53	Page 50, FRS Clause 5	The system should have open API endpoints and documentation related to API development for integrating the system with other solutions like MSP/Primavera, ERP, Facility Management, or Vendor Management Systems, BMS/CAFM/CMMS, etc.	We understand that Bi-RIDE is only seeking documentation of existing APIs available with the proposed solution. Please confirm if the understanding is right.	Documentation related to APIs of PMIS solution implemented for Bi-RIDE shall be made available by the Bidder. Bid Condition shall Prevail
54	Page 61, FRS Clause 157	Geo Fencing Audit: "The platform should go through VAPT testing by CERT empaneled agency and share the reports with Bi-RIDE, confirming that all the data resides and is processed within Indian Geographical boundaries"	We request clarification on the following points: 1. Which party shall bear the costs associated with this audit? 2. What is the expected timeline for submission of the audit report? 3. Is this testing required to be conducted specifically after the Bi-RIDE instance, which will be only operational post-contract award, or would existing SOC 2 audit reports from globally recognized vendors/OEMs suffice? 4. OEMs typically follow established protocols for external audits. We request confirmation that adherence to such standard practices will satisfy this requirement. 5. Kindly provide a clear definition of "all data," as globally established OEMs may employ centralized processing infrastructure while ensuring all files remain stored within India.	Refer corrigendum-1 SI No.10
55	Page 53, FRS Clause 43	Visual Workflows for Documents : "Create, configure, and reconfigure reviews & approval workflows. The ability for a user to define workflows in a simple drag and drop fashion using a graphical interface"	We observe that both clauses contain similar statements pertaining to interface requirements rather than distinct functional specifications. We propose consolidating these requirements into a single clause, if deemed necessary. The intended outcome for Bi-RIDE appears to be the capability to create complex workflows independently, without reliance on OEM or implementation partner support, provided adequate enablement is delivered.	Bid Condition shall Prevail. Clause is to demonstrate the drag and drop feature
56	Page 55, FRS Clause 68	Visual Workflows for Documents: "Visual Workflows to be created by users for the approval of documents"	We observe that both clauses contain similar statements pertaining to interface requirements rather than distinct functional specifications. We propose consolidating these requirements into a single clause, if deemed necessary. The intended outcome for Bi-RIDE appears to be the capability to create complex workflows independently, without reliance on OEM or implementation partner support, <u>provided adequate enablement is delivered</u> .	Bid Condition shall Prevail. Clause pertains to documents
57	Page 57, FRS Clause 97	Updating project schedules using Form data : "Ability to update actual dates in construction schedules, from mobile applications, with different levels of approval, in such a way that the form goes to the second level of approval after being filled, and after necessary approvals are received, the data of the form gets stored in the respective contracts and timelines."	While most solutions will capture and store form data (including progress information) and possess the capability to update actual dates, implementing an approval workflow prior to committing data to the system may necessitate an additional manual step. Approving the form data using workflow and committing the same to system will be separate process. This segregation will allow Bi-RIDE to get more real time updates from the site which can be visualized through a live 4D construction model. We request acknowledgment of this implementation consideration.	Bid Condition shall Prevail

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58	Page 57, FRS Clause 105	"Schedules & contracts should be linked to Digital forms like Daily progress reports, to automate progress reporting and updating schedules in the platform."	We request clarification on the specific expectation regarding the linkage between contracts and digital forms. Kindly elaborate on the intended functionality and use case.	Bid Condition shall Prevail. This clause refers to schedules in the Tender Document. Bidder shall not relate to Schedule of Primavera
59	Page 62, FRS Clause 164	AI Assisted predictions : "Scheduling logics needs to be brought to proposed system for what if Analysis, critical path and AI assisted predictions"	We seek clarification on whether achieving equivalent outcomes through alternative methodologies would satisfy this requirement. Our solution incorporates scheduling logic and supports various what-if simulations utilizing a CPM Engine, which does not necessitate AI capabilities to deliver the stated functionality. Additionally, we note that as the asset owner, Bi-RIDE's primary focus would typically be on approved baselines and progress tracking against those baselines. The feature described appears more aligned with contractor-centric requirements rather than owner-focused needs.	Bid Condition shall Prevail
60	Page 62, FRS Clause 170	AI Assisted predictions : "AI assisted productivity trends based on the actual execution against set productivity norms"	We wish to highlight that, as an asset owner, Bi-RIDE may not have direct visibility into contractors' actual productivity data. Owner organizations typically focus on Earned Value Analysis comparing baseline schedules against actual progress, rather than detailed labor productivity metrics. The specified feature appears more applicable to contractor operations. We propose that providing visibility into earned value comparisons (baseline vs. actual schedule) through an intelligent system with an integrated CPM scheduling engine would adequately address Bi-RIDE's requirements. We request confirmation of this understanding.	Bid Condition shall Prevail
61	Pg. 117	License reassignment: "All licences shall be transferrable, as in Bi-RIDE may withdraw licence from one user and assign the licence to any other user at its discretion."	OEMs maintain established policies governing license transfers between users. Most OEMs utilize named-user licensing models (tied to unique email addresses) and may not permit transfers within active usage intervals, such as calendar quarters. We propose that the minimum duration between license transfers be set at one quarter. We request confirmation of acceptability of this approach.	Bid Condition shall Prevail
62	Pg. 118	On-prem handover : "Contractor shall archive all the project data/documents of all Corridors, Stations, Depots, etc. to Bi-RIDE on-premises server. Contractor shall deploy a EDMS solution in Bi-RIDE server to access the archived data."	We wish to highlight that most OEMs in the market do not offer provisions for non-licensed software usage, including during archival periods. While data export capabilities will be provided upon contract conclusion, current security considerations have led many OEMs to mandate cloud-hosted data with minimum licensing requirements. We recommend that Bi-RIDE consider the option of continued cloud hosting with reduced licensing, rather than migrating data to alternative platforms (such as SharePoint), which may result in loss of data intelligence and analytical capabilities.	Refer Corrigendum-1 SI No.17
63	Pg. 136	Software submitted by Consultants to remain property of Client : "All plans, drawings, specifications, designs, reports and other documents and software submitted by the Consultants in accordance with Clause 3.6 shall become and remain the property of the Client"	We request confirmation that this clause pertains exclusively to project-specific deliverables and supplementary software (such as reporting tools) supplied by the bidder, and does not extend to the intellectual property rights of the core EDMS software platform.	Yes. Bidder understanding is generally correct.
64	Pg.101	Additional Storage Cost asked for 60TB : "Additional Storage beyond 5 TB – (60 TB-month)"	We note that most OEMs do not offer standalone cloud storage and typically host data within their managed cloud infrastructure. We request clarification on the intended purpose of the 60 TB storage requirement—specifically, whether this allocation is intended to accommodate a significant data migration to the EDMS or to provision capacity for future projects to be onboarded onto the platform.	Bid Condition shall Prevail
65	Section 3,1 Page no, 107 to 109	3.1 The Application Requirements	Section 3.1 appears to be similar to the functional requirements outlined in Annexure 1-A, but more leaning towards a custom built solution. Should the scope of the solution and its implementation be restricted solely to what is specified in Annexure 1-A?	Bid Condition shall Prevail

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
66	Section 3,1 Page no, 107 to 109	<p>Clause 4 : Solution should have in-built report writing tools & does not require any third party tools for creating such reports.</p> <p>Clause 5 : Solution should provide users with the functionality of screen customization according to their personal preferences at User Interface level without any programming effort.</p> <p>Clause 8 : Solution should support nth level drill-down and roll-up capabilities at levels. The drill down should work across all modules.</p> <p>Clause 10 : Solution should support standard bar coding interfaces.</p> <p>Clause 11 : Solution should allow to edit the on line help and save the same so that organization specific policy details related to transaction are available to users online.</p> <p>Caluse 14 : Reporting Services</p> <p>a. Provide seamless integration of all the modules/ components</p> <p>b. Provide a system that delivers reports in the prescribed formats</p> <p>c. Provide the system that gives a hierarchical view of all type of information so that each officer can have its own view of data at each level of hierarchy.</p> <p>The level is defined as any of operational unit, namely subdivision, division, circle, zone or head office.</p> <p>Clause 23: Integration with other third-party software like E-Procurement, MS-Project, Primavera, GIS etc Any licenses required for integration shall be borne by contractor.</p> <p>Clause 24 : The solution must also provide for Reporting on analytical, strategic and operational aspects.</p> <p>Clause 25 : Solution should also have Implementation/Support tool, which is integrated seamlessly and will be used during the implementation life cycle to carry on the critical activities of the project.</p>	<p>We understand that Bi-RIDE is seeking an industry-proven SaaS solution. While several requirements in Section 3.1 (p. 108) appear to imply custom development, we recommend leveraging the robust configuration capabilities available in modern SaaS platforms. This approach enables Bi-RIDE to benefit from a proven solution and ensures seamless access to future upgrades and innovations—one of the key advantages of SaaS.</p> <p>If Bi-RIDE believes Section 3.1 should still be included in scope, could you please clarify the following points:</p> <p>Clause 4: For dashboarding and analytics, we recomend using an external BI tool such as Power BI. This would enable Bi-RIDE not to get restricted to in-built reports and also allow stakeholders to create and tailor reports and dashboards independently, without reliance on the OEM. Could you please confirm whether this approach is acceptable?</p> <p>Clause 5: This clause references a custom user interface, which is typically not supported in a standard SaaS offering. We can aim to achieve the intended outcomes; however, interface-level changes would require custom development and may not be supported. Could you please confirm if an outcome-based approach would be acceptable?</p> <p>Clause 8: Roll-up capabilities across all modules are generally feasible in a custom-built application designed from the ground up. In a proven SaaS solution, this may be limited (for example, to a schedule view). Would this be acceptable? If the requirement is primarily for reporting purposes, it may be addressed through external/custom reporting tools.</p> <p>Clause 10: SaaS solutions typically include built-in mechanisms to ensure site teams are always on the latest version. Could you please confirm whether the barcode functionality mentioned is a mandatory requirement?</p> <p>Clause 11: This clause mentions editing online help document. In most SaaS solutions, the help content is published and maintained by the OEM as a generic help document. As part of implementation Bi-RIDE-specific Solution Design Document will be provided separately with an controlled-access link. Would that meet the requirement?</p> <p>Clause 14: Most SaaS solutions provide built-in reporting up to a certain level. The reporting requirements described here may require an external reporting solution. Could you please confirm if that is the intended approach?</p>	Bid Condition shall Prevail
67	Annexure – 1A, Clauses 19,85,117, 138,163	Clause 85 : "The system shall be able to bidirectional integration with Scheduling software like Primavera P6 and MS Project for planning, scheduling, and monitoring activities and ERP system implemented in Bi-RIDE. SAP HANA solution is implemented in Bi-RIDE"	<p>There is mention of SAP Hanna Integration, bi-directional MSP/P6 and GIS (ESRI Arc GIS) integration mentioned in FRS. If these are to be included in scope; please share the detailed use cases, as any integration effort depends on the use cases.</p> <p>Example : Bi-Ride already has information stored in ArcGIS Online / ARC GIS Enterprise and proposed system shall have capability to bring in ArcGIS Map Service or Feature Service layer as a layer to provide better context when viewing project information within the 3D Model review interface.</p>	<p>Yes. Integration is required and to be included in scope of work. Use cases are based on project requirement.</p> <p>Yes. Solution shall have capability to bring in ArcGIS Map Service or Feature Service layer as a layer to provide better context when viewing project information within the 3D Model review interface</p>
68	DATA SHEET Page No. 25	Payment of tender security is to be made by Demand Draft, Bank Guarantee, RTGS & NEFT. BG/Demand Draft shall be submitted in original in a sealed envelope in the office of GM/Procurement & Contracts within due date and time of submission end date of tender	We request you to allow bidders to submit the original document of Tender Security within five (5) days after the online bid submission. This will enable bidders from other cities in India to dispatch the physical documents by courier, without affecting the timely submission of the online bid.	Bid Condition shall Prevail
69	DATA SHEET Page No. 34	<p>i) Work Experience:</p> <p>Bidder must have successfully completed/substantially completed the following during last five years ending last day of the month previous to the month of tender submission as given below:</p> <p>i. At least One "Similar Work" of value of INR 6.4 Crore or more OR</p> <p>ii. At least two "Similar Work" of value of INR 4 Crore or more OR</p> <p>iii. At least three "Similar Work" of value of INR 3.2 Crore or more</p>	We respectfully submit that projects of this nature generally have longer execution periods, and limiting the experience window to five years may restrict participation of otherwise qualified bidders. Therefore, we kindly request the authority to consider extending the work experience eligibility period from five (5) years to ten (10) years to allow broader and more competitive participation.	Bid Condition shall Prevail

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
70	DATA SHEET Page No. 34	Similar Works" for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Metro/RRTS/Airport / Shipyards/ Refineries /Steel/ Power Plant Projects	For better and fair competition we kindly request you to amend the clause as follows Supply and Implementation of Project Management Information System (PMIS) Software Solutions for infrastructure projects, including but not limited to Railway/Metro/RRTS/Airport/Shipyards/Refineries/Steel/Power Plant/Smart City/Roads & Bridges Department/Municipal Administrations/ULB Projects.	Bid Condition shall Prevail
71	DATA SHEET Page No. 41	A.4 CV of CDE and BIM Expert (More than 6 yrs of Experience). Bidders shall submit this CV of Expert	As per the tender requirement, bidders are required to submit the CV of a CDE and BIM Expert with more than 6 years of experience. In this regard, we seek clarification whether it is acceptable to submit the CV of such an expert who is not currently on the bidder's payroll but whose consent has been obtained for the project, with a commitment that the expert will be formally hired and deployed on-site upon award of the contract.	Bid Condition shall Prevail
72	Functional Requirement Specifications General Page No. 50	The system should have the capability to have enhanced security measures via 2-factor authentication, DSC i.e. Digital Signature Certificate verification, or AADHAR-based verification or Active directory based multi factor authorization to protect the Project's critical data.	As per our understanding, the Digital Signer component shall be provided by the Authority, and the bidder's scope is limited to integration of the same with the proposed system. Kindly confirm if our understanding is correct.	Bidder's understanding is correct. Bid Condition shall Prevail
73	Functional Requirement Specifications Data Security Page No. 61	The platform should go through VAPT testing by CERT empaneled agency and share the reports with BI-RIDE, confirming that all the data resides and is processed within Indian Geographical boundaries	As per our understanding, the VAPT (Vulnerability Assessment and Penetration Testing) through a CERT-empanelled agency is required to be conducted one time only prior to deployment of the software on the production server. Kindly confirm if our understanding is correct.	Refer Corrigendum-1 SI No.16
74	Functional Requirement Specifications Data Security Page No. 61	Vendor shall enforce 256-bit SSL Login. BI-RIDE Data shall be encrypted in rest & transit	As per our understanding, the SSL certificates shall be provided by the Authority, and the bidder's scope is limited to implementation and integration. Kindly confirm if our understanding is correct.	Refer Corrigendum-1 SI No.26
75	4B. SUMMARY OF COSTS Page No. 101	4 Cloud Storage	1) Who will provide the cloud hosting environment for deployment of the PMIS platform and user licenses? 2) Is it expected that the cloud hosting environment cost is to be included in the License cost of the product? Kindly confirm	1) Bidder has to provide the cloud hosting environment along with required licenses 2) Yes
76	3. Functionalities Final Data Migration Page No. 107	The PMIS has to be implemented as per following standard implementation procedure Final Data Migration	As per our understanding, the RFP does not mention any scope for data migration. Kindly confirm if our understanding is correct.	Refer Corrigendum on Archiving of Data. Refer Corrigendum-1 SI No.17
77	3. Functionalities Final Data Migration Page No. 107	The PMIS has to be implemented as per following standard implementation procedure Final Data Migration	If the data of the existing projects to be feed in to the PMIS then we request you to Kindly provide following details releated to data migration 1. The type and format of data to be migrated in the new system. 2. The scope is limited to only data migration. Data accuracy and validation shall be responsibility of existing vendor or Authority. 3. There is no scope of data entry and data digitization. 4. Total size of data to be migrated 5. Number of Existing Projects	Refer Corrigendum on Archiving of Data. Refer Corrigendum-1 SI No.17
78	3.1 The Application Requirements Page No. 109	23. Integration with other third-party software like E-Procurement, MS-Project, Primavera, GIS etc Any licenses required for integration shall be borne by contractor.	As per our understanding, the licenses for any third-party software shall be procured and provided by the Authority, and the bidder's scope is limited to integration only. Kindly confirm if our understanding is correct.	Refer Corrigendum -1 SI No.13

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
79	3.2 Go-Live Page No. 114	The supply, installation, licensing and commissioning of CDE software solution (Go-Live) shall be completed within 120 days (4 months) from the date of approval of implementation plan. The commissioning of CDE software solution shall consist of following two stages (tentative & final start):	As per our understanding the timeline and contract period for this project is 4 months till go live, followed by 5 years of maintenance and support. Kindly confirm	Project Duration is 5 years inclusive of Go-Live.
80	6. Payment to the Consultants Page No. 139	In consideration of the Services performed by the Consultants under this Contract, the Client shall make to the Consultants such payments and in such manner as is provided by Clause GC 6 of this Contract. An estimate of the cost of the Services payable in the local currency is set forth in Appendix E	Since the rates asked in the Price Bid are monthly, our understanding is that the bills shall be submitted by the Contractor on monthly basis and the payments shall also be released by the Client on monthly basis. Kindly confirm.	Payments shall be made quarterly. Refer Corrigendum-1 SI No.22 and 21
81	6.4. Mode of Billing and Payment Page No. 140	The Client shall cause to be paid to the Consultants an advance payment as specified in the PCC, and as otherwise set forth below. The advance payment will be due after provision by the Consultants to the Client of a bank guarantee by a bank acceptable to the Client in an amount specified in the PCC	Kindly explain the nature and amount of this advance payment. Does it imply that the License cost for the PMIS shall be paid in advance by the Client to the Contractor / Consultant against the submission of Bank Guarantee by the Contractor / Consultant of the equivalent amount. We request you to clarify the same	There is no advance payment. Refer Corrigendum-1 SI No.20
82	Additional Clause-13 Page No. 158	Performance Security: 3% of the Contract Value.	Our understanding is that the Performance Bank Guarantee(P.B.G.) of 3% and Security Deposit (S.D.)of 5% shall be calculated on the contract value excluding GST and not on the contract value including GST. Kindly confirm	PBG and SD shall be calculated excluding GST
83	Additional Clause-14 Page No. 162	Security Deposit - The Security Deposit shall be 5% of the contract value		No Query from Bidder
84	Additional Clause-14 Page No. 162	However, if the consultant desires the Security Deposit may be deposited as Bank Guarantee Bond also, issued by a scheduled bank after execution of contract documents	In the RFP, the "Bank Guarantee Bond" has been mentioned in lieu of the S.D. As per understanding the "Bank Guarantee Bond" is the regular Bank Guarantee issued by the bank. We are confused by the word "Bond" added after the Bank Guarantee. Kindly confirm whether our understanding is correct.	Bid condition shall prevail
85	Appendix C: Key Personnel Page No. 167	PMIS/CDE & BIM Expert Graduate in Civil/Mechanical/Electrical/Electronics 5 yrs in PMIS with Cloud Based Common Data Environment (CDE) and 3D BIM	We request you to kindly consider the educational qualification as follows: Graduate in Civil/Mechanical/Electrical/Electronics/Computer Science/Information Technology/Computer Applications or MCA.	Refer Corrigendum-1 SI No.27
86	Appendix C: Key Personnel Page No. 167	OEM Certified Engineers Graduate in Civil/Mechanical/Electrical/Electronics 2 yrs in PMIS with Cloud Based Common Data Environment(CDE) and 3D BIM	We request you to kindly consider the educational qualification as follows: Graduate in Civil/Mechanical/Electrical/Electronics/Computer Science/Information Technology/Computer Applications or MCA.	Refer Corrigendum-1 SI No.27
87	Cl. 11, 13, 32, Page 51–52, 60	Native BIM File Support (RVT/DWG/DGN)	Please confirm whether full native file format viewing (RVT/DWG/DGN) without IFC conversion is mandatory for all disciplines, or whether IFC-based viewing is acceptable for some use cases.	Yes. Native file format is mandatory for all disciplines
88	Cl. 14, Page 51	Open-BIM Standards (IFC, BCF)	Kindly clarify whether native + Open-BIM (IFC/BCF) support is mandatory simultaneously, or if Open-BIM alone satisfies compliance.	Yes. Native file format and Open BIM standard (IFC/BFC) is mandatory for all disciplines
89	Cl. 27,Page 52	LOD-500 Models & As-Built Metadata	Please specify whether LOD-500 models with as-built metadata are required for all discipline (ASMPEF means Arch+STR+Mech+Electrical+pipng+fire discipline) or limited to selected critical MEP systems/assets.	Yes for all disciplines
90	Cl. 30–33,Page 52	BIM Aggregation & Model Federation	Please clarify whether automatic federation and update of multidiscipline models is expected on every model upload or only after admin/user validation.	Yes. It is expected for all models
91	Cl. 19, 85, 163, 169,Page 51, 56, 62	ERP (SAP HANA) – BIM Integration	Please confirm whether BIM-derived quantities are expected to be authoritative for financial transactions/billing in SAP, or only for visualization and monitoring.	Yes. It is expected for financial transactions/billing in SAP
92	Cl. 23–25, 31, 33, 53,Page 51–52, 54	Change Detection – BIM & 2D	Please clarify whether change detection is required only visually or also as automated quantified change reports (added/deleted/modified elements).	Automated quantified reports are required

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
93	Cl. 129–133 , Page 59–60	Clash Detection Responsibility	Kindly clarify whether clash detection is expected only as a decision-support tool, or if the bidder is responsible for clash resolution and coordination closure.	It will be decision-support tool
94	Cl. 112, 140–146, Page 58, 60	Mobile BIM Capabilities	Please confirm whether full 3D BIM model viewing on mobile devices is mandatory, or access to drawings, snapshots, and forms is sufficient.	Yes. Full 3D BIM model viewing on mobile devices is required as part of FRS
95	Cl. 11–15, 26, Page 51–52	Third-Party BIM Tool Licenses	Please confirm whether any third-party BIM viewer licenses required for native model viewing are to be provided by Bi-RIDE or included in bidder's scope.	All third party BIM viewer licenses required for native model viewing to be provided by Bidder. Refer Corrigendum SI No.25
96	Cl. 12, 99–105, Page 51, 57	4D/5D BIM Integration	Kindly confirm whether real-time linkage between BIM models and schedule (4D/5D) is mandatory during actual construction phase, or whether batch/periodic synchronization is acceptable.	Real-Time links is mandatory.
97	Cl. 39–41, Page 52–53	BIM Metadata Definition	Will Bi-RIDE provide a standard metadata schema, or is the successful bidder expected to define, finalize, and govern BIM metadata classification ?	To be mutually agreed after award of work
98	Stage 1: Technical Eligibility Criteria: Page 33	i) Work Experience: Bidder must have successfully completed/substantially completed the following during last five years ending last day of the month previous to the month of tender submission as given below: i. At least One "Similar Work" of value of INR 6.4 Crore or more OR ii. At least two "Similar Work" of value of INR 4 Crore or more OR iii. At least three "Similar Work" of value of INR 3.2 Crore or more. In case of joint venture, full value of the work, if done by the same joint venture shall be considered. However, if the qualifying work(s) were done by them in JV having different constituents, then the value of work as per their percentage participation in such JV shall be considered. "Similar Works" for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Metro/RRTS/Airport /Shipyards/Refineries/Steel/Power Plant Projects Notes: 1. In case the Similar work(s) submitted by the bidder contain other software solutions also, only the portion of Eligible Work(s) pertaining to the Common Data Environment / Electronic Data Management Software Solutions shall be considered.	For wider participation, it is recommended to modify the clause to make the eligibility criteria more inclusive and practical. The current clause may restrict capable bidders due to stringent or narrowly defined requirements, which can limit competition and reduce the likelihood of receiving competitive and innovative proposals. Request you to modify the definition of "similar work" as below:- "Similar Works" for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt or separate solution Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway/Metro/RRTS/Airport /Shipyards/Refineries/Steel/Power Plant/Road and bridges Infrastructure Projects Notes: 1. In case the Similar work(s) submitted by the bidder contain other software solutions also, only the portion of Eligible Work(s) pertaining to the Common Data Environment / Electronic Data Management Software Solutions including Business Analytics and Facility Management shall be considered.	Bid Condition shall Prevail
99	Technical Evaluation:	Demonstration of Annexure-1A Functional Requirement Specification (FRS):	Demonstrating the entire FRS at the bidding stage may not be feasible, as several functionalities (e.g., FRS 4, 5, 12, etc.) are typically subject to detailed requirement finalization, customization, and configuration during the implementation phase. Hence, bidders should be allowed to demonstrate key or major functionalities of the FRS that are available in the standard solution. Alternatively, the department may specify a defined list of functionalities to be demonstrated at the time of the demo. This approach will ensure a fair evaluation of bidders' capabilities	Bid Condition shall Prevail
100	A. Creation and Approval of Implementation Proposal, Page 112	The Contractor shall depute one Key Person (PMIS/CDE & BIM Expert) within a week of the approval of implementation proposal. The key person to be deputed shall have a minimum total experience of 6 years of implementing CDE in any of the following Railway/Metro Infrastructure Projects Airport Infrastructure Projects Shipyards Infrastructure Projects Refineries Infrastructure Projects Buildings with area greater than 10 lac sq. feet Steel and Power Plant	Clause should add Key Person (PMIS/CDE & BIM Expert) have experience in road and bridge infrastructure project also.	Bid Condition shall Prevail
101	6.0 Service Level Agreement (SLA) for CDE	Resolution Duration	Resolution Duration for Medium and Low should be kept working days. i.e for medium – 0-120 working Hours for Low – 0-240 working Hours	Bid Condition shall Prevail

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from Bi-RIDE
102	Additional Paras of 6.1	Payments under this Contract	There is currently a lack of clarity in the RFP regarding the payment mechanism for license cost, Annual Technical Support (ATS), and implementation services. This ambiguity may lead to financial uncertainty for bidders and could impact project execution. Hence it is recommended that 100% license payment be made upon delivery, ATS be paid yearly in advance, implementation services be milestonebased (Inception 10%, SRS 15%, Customization & Configuration 15%, UAT 20%, Training 20%, Go-Live 20%), and manpower and cloud services be paid on a monthly basis.	Bid Condition shall Prevail
103	Section 2, Data Sheet, 5.3 A, pg. 33	Bidder must have successfully completed/substantially completed the following during last five years ending last day of the month previous to the month of tender submission as given below: i. At least One "Similar Work" of value of INR 6.4 Crore or more OR ii. At least two "Similar Work" of value of INR 4 Crore or more OR iii. At least three "Similar Work" of value of INR 3.2 Crore or more.	Kindly clarify whether the project values mentioned (INR 6.4 Cr / 4 Cr / 3.2 Cr) are to be considered inclusive or exclusive of GST.	It is exclusive of GST. Refer Corrigendum-1 SI No.04 Note No. 05
104	Section 2, Data Sheet, 5.3 A, pg. 33	Bidder must have successfully completed/substantially completed the following during last five years ending last day of the month previous to the month of tender submission as given below: i. At least One "Similar Work" of value of INR 6.4 Crore or more OR ii. At least two "Similar Work" of value of INR 4 Crore or more OR iii. At least three "Similar Work" of value of INR 3.2 Crore or more.	Please confirm whether completion certificates issued by private organizations will be considered valid for meeting the "Similar Work" criteria.	Completion/Substantially Completed certificate issued by the Employer. Refer Corrigendum SI No.04 Note No. 04
105	Section 2, Data Sheet, 5.3 A, pg. 34	Notes: 1. In case the Similar work(s) submitted by the bidder contain other software solutions also, only the portion of Eligible Work(s) pertaining to the Common Data Environment / Electronic Data Management Software Solutions shall be considered	We request modification of the clause as follows: "In case the Similar Work(s) submitted by the bidder include other software solutions, only the portion of Eligible Work(s) pertaining to the Project Management Information System (PMIS) / Common Data Environment / Electronic Data Management Software Solutions shall be considered."	Bid Condition shall Prevail
106	Section 2, Data Sheet, Pg. 40	A.1 Demonstration of Annexure-1A Functional Requirement Specification (FRS):	As the demonstration includes a marking scheme, kindly clarify whether the client will evaluate each feature of the FRS point-by-point during the presentation.	Yes. Bidder has to demonstrate the FRS point-by-point
107	Annexure 1A, Pg. 50 to 62	Functional Requirement Specifications of BIM enabled Project Management Information System (PMIS)	In cases where certain requirements are partially available in the system but can be customized post-award, should such requirements be marked as compliant ("Yes")?	Bid Condition shall Prevail
108	Annexure 1A, Pg. 50 to 62	The system should have open API endpoints and documentation related to API development for integrating the system with other solutions like MSP/Primavera, ERP, Facility Management, or Vendor Management Systems, BMS/CAFM/CMMS, etc.	Please confirm whether Bi-Ride will be responsible for obtaining API documentation from third-party vendors (ERP, facility management, vendor management systems, BMS/CAFM/CMMS, etc.) for integration purposes.	Bidder has to interface with Vendors of SAP, MSP/Primavera, Arc-GIS deployed in Bi-RIDE. Required co-ordination will be assisted by Bi-RIDE
109	Annexure 1A, Pg. 50 to 62	The system should have open API endpoints and documentation related to API development for integrating the system with other solutions like MSP/Primavera, ERP, Facility Management, or Vendor Management Systems, BMS/CAFM/CMMS, etc.	Kindly confirm whether Bi-Ride will provide/procure Primavera EPPM licenses required for integration with the PMIS application.	Required Primavera Licenses shall be provided by Employer
110	Section 5, Terms of Reference, 3. Functionalities, Pg. 107	3.1 The Application Requirements The system should be integrated with all types of project documents, 2D/3D drawings, BIM, scheduling software like MSP, Primavera and required functions of ERP (Employer has deployed SAP HANA as an existing solution).	Please confirm that Bi-Ride will be responsible for providing all required data in the standard formats defined by the PMIS Consultant and approved by Bi-Ride.	Bid Condition shall Prevail
111	Section 5, Terms of Reference, 3.2 Project Management, Pg. 109	Bi-RIDE will provide the following infrastructure at its premises for the Contract or 's personnel: a. Seating space with furniture b. Wifi/ LAN connection facilitating access	Kindly confirm the maximum number of seats/workstations that Bi-Ride will provide at its premises for the Contractor's personnel.	Only seating provision with required power and internet shall be provided by Bi-RIDE. Laptop/Workstation shall be arranged by Bidder

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
112	A) Technical Evaluation:	Demonstration of Annexure-1A Functional Requirement Specification (FRS): Total Marks Alloted- 170	We request the department to revise the marks allocated for the Demonstration of Annexure-1A Functional Requirement Specification (FRS):as mentioned below Total Marks Alloted- 150 Further, we request the inclusion of the following additional clause	Bid Condition shall Prevail
113	A) Technical Evaluation:	Additional clause	We request department to add the following Clause:- The Bidder or JV member should have experience in providing Project Management Information System (PMIS) solutions in the Metro/Rail sector. Less than 5 Projects- 5 Marks 5 - 7 Projects - 7 Marks More than 7 Projects- 10 Marks Projects can be from any of the JV members	Bid Condition shall Prevail
114	A) Technical Evaluation:	Additional clause	If the bidder is ISO 9001 and Cmmi level 3 certified - 5 Marks If the Bidder is ISO 9001 and CMMI Level 5 certified - 7 Marks If the bidder provides an ISO 19650 certified PMIS solution.- Additional 3 Mark	Bid Condition shall Prevail
115	Section 6 (GCC/PCC) 6.4	The Client shall cause the payment of the Consultants within sixty (60) days after the receipt by the Client of bills with supporting documents (if required). Only such portion of a monthly statement that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between actual payment and costs authorized to be incurred by the Consultants, the Client may add or subtract the difference from any subsequent payments. Interest at the rate specified in the PCC shall become payable as from the above due date on any amount due by, but not paid on, such due date.	We request to revise the payment timeline from sixty (60) days to thirty (30) days from the date of submission of invoices along with supporting documents. A shorter payment cycle will help ensure better cash flow management and efficient resource deployment for the project.	Refer Corrigendum SI No.21 and 22
116	Section 6 (GCC/PCC) 6.5	additional amount per additional License as per the duration of their usage shall be payable to the Contractor based on the unit rates indicated by the Contractor in the Pricing Document	Kindly clarify the payment terms for licenses, specifically whether payments will be made monthly based on actual usage or at defined intervals, and confirm if any milestone or advance payment mechanism is applicable for the base 200 licenses at Go-Live. This clarification is required to align cash flow planning and pricing assumptions.	payment shall be made for deployed engineers till Go-Live. Post Go-Live , payment shall be made for min. 200 licenses in addition to payment to engineers. Payment schedule is quarterly
117	Item 1.1 – Cost of Licenses	Cost of Licenses – Quantity mentioned as 13800 with Unit as “Months”	The BOQ specifies the unit for PMIS licenses as “Months” with a quantity of 13,800. Typically, software licenses are defined based on number of users (named/concurrent) or subscription type rather than time units alone. Kindly clarify whether this represents total user-months (i.e., number of users × duration)? Also, please confirm the expected number of users. Also please mention the concurrency(Maximum user that can login into the system).	It is based on license-month. For Ex: 200 licenses are used for 12 months, then 200x12 = 2400 license-months are consumed. For additional licenses, the pricing based on PCC Clause 6.5 i.e (200 - 300 ; it is 85% of Unit Rate and 300-400 ; it is 75% etc). The additional license can be high in some months and NIL in some months. However, minimum billing is 200 licenses x 3 months = 600 license month per quarter
118	Clause 5.3A	"Similar Works"	1. Technical Eligibility Criteria : We request for following revisions in criteria a. We request that web-based Project Management System/Tool projects also be considered as similar projects b. We request consideration for the supply & implementation of Project Management System for large infrastructure management projects, such as Utilities i.e. Telecom, Power transmission/distribution, Water etc c. Please clarify if similar projects is part of large project is acceptable.	a. Bid Conditions prevails b. Power Plant Projects are considered c. Bid Conditions prevails
119	General	General	Most of COTS software OEMs offer annual subscription payable at the start of contract every year . As an OEM for supply of software, for the software portion alone - we will require the payment in advance at the start of the contract period on yearly basis withing 30 days from the date of invoice.	Bid Condition shall Prevail

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
120	General	General	The CDE/PMIS solution being offered is a COTS software product. As is standard practice with most software OEMs, the license fee is payable on an annual subscription basis - in advance at the start of each contract year, within 30 days of invoice. Kindly confirm whether the software license component will be payable by Bi-RIDE to the contractor on this basis, i.e., annually in advance within 30 days of invoice, separate from the monthly billing cycle for Professional staff and other expenses.	Bid Condition shall Prevail
121	General	General	Out of the 200 licenses to be provisioned at Go-Live, kindly indicate how many users will require access to Dashboards and analytical reporting modules, so that the correct license configuration can be proposed	Generally, Dashboards will be accessed by GMs and higher management in HQ.
122	Clause 5.3B Stage 2: Technical Evaluation	Minimum Technical score "St" to qualify in technical bid is 80.	Price Bid Evaluation: We request to consider minimum 'St' of 70 for opening of Price Bids	Bid Condition shall Prevail
123	(Page No. 35)	Average Annual Turnover	Average Annual Turnover from Consultancy Services: We request to consider a. Average Annual Turnover from IT/ITeS / Software Development/application development projects also	Bid Condition shall Prevail
124	Ref: SG/2026/04/TEN/ Bi-RIDE PMIS/2257	Consultancy Service for Design, Supply and Implementation of Project Management Information System (PMIS) for Civil, Electrical and System Works of Bengaluru Suburban Transport Project (BSTP) and other projects - Technical Proposal. Tender No: Bi-RIDE/ PMIS/01/2026 - Request for Extension of Bid Submission Date	Considering the extensive scope of work, detailed functional requirement specifications, and the need for OEM coordination and internal approvals, additional time would enable us to submit a more comprehensive, technically robust, and competitive proposal in line with Bi-RIDE's requirements. We assure you that this request is made purely to enhance the quality of our submission and not for any commercial considerations	Agreed. Refer Corrigendum - 2 Extension of time
125	Section 6 (PCC) 6.2	Remuneration for the Personnel shall be determined on the basis of time actually spent by such Personnel in the performance of the Services after the date determined in accordance with Clause GC 2.3 and Clause PCC 2.3 (or such other date as the Parties shall agree in writing) at the rates referred to, and subject to such additional provisions as are set forth, in the PCC.	Since the payment mechanism is based on time spent and monthly invoicing, we request clarification on whether payments will be strictly linked to approved on-site deployment or if any minimum guaranteed payment is envisaged under the contract. This clarification is important as, in addition to on-site personnel, the bidder will be required to maintain a supporting back-end team and associated infrastructure to ensure seamless service delivery. Accordingly, confirmation on minimum payment assurance will enable accurate cost estimation and resource planning.	The supply, installation, licensing and commissioning of CDE software solution (Go-Live) shall be completed within 120 days (4 months) from the date of approval of implementation plan. Payment shall be made to Engineers deployed as per BoQ from the start of project . Payment for Min. 200 licenses will begin From Go-Live.
126	Section 6 (GCC/PCC) 6.4 (c)	The Client shall cause the payment of the Consultants within sixty (60) days after the receipt by the Client of bills with supporting documents (if required). Only such portion of a monthly statement that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between actual payment and costs authorized to be incurred by the Consultants, the Client may add or subtract the difference from any subsequent payments. Interest at the rate specified in the PCC shall become payable as from the above due date on any amount due by, but not paid on, such due date.	We request to revise the payment timeline from sixty (60) days to thirty (30) days from the date of submission of invoices along with supporting documents. A shorter payment cycle will help ensure better cash flow management and efficient resource deployment for the project.	Payment timeline is quarterly. Refer Corrigendum SI No.21 and 22
127	Financial Proposal / BOQ Item 4.1 – Additional Storage beyond 5 TB	Additional Storage beyond 5 TB – Quantity mentioned as 60 with Unit as "TB-Month"	The BOQ specifies pricing only for "Additional Storage beyond 5 TB" with a quantity of 60 TB-Month. Kindly clarify the basis of this quantity—whether 60 TB-Month represents (i) 5 TB additional storage for 12 months, (ii) 1 TB for 60 months, or any other combination. Additionally, the cost for the base 5 TB storage has not been explicitly mentioned. Please confirm whether the base storage cost is to be included within another BOQ item or separately considered. Also, clarify the expected storage sizing approach and pricing methodology to be adopted by bidders.	(i) As per ToR, Clause 5.0 Expected Deliverables (g) The default storage space to be provided for PMIS with CDE in cloud shall be 5 TB. Above 5 TB, the pricing will be as per TB-Month of BoQ. (ii) Any combination is possible. The cost for 5TB storage is absorbed in the overall project cost.

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
128	Clause 5.3 Page No 34	Stage 1: Technical Eligibility Criteria: Minimum Eligibility Criteria: ii. At least two "Similar Work" of value of INR 4 Crore or more	Request for Clarification – Similar Work Qualification (Clause 5.3 A ii) With reference to the above clause, we would like to submit that we have successfully completed two projects with Go-Live which are relevant to the requirements of this tender, with tender values of ₹4.05 Crores and ₹15 Lakhs respectively, totaling the total contract amount for 2 projects to ₹4.20 Crores + Taxes, adhering to tender conditions. In this regard, we want to re-confirm with you that the above-mentioned experience will be considered sufficient to qualify under the eligibility criteria Clause 5.3 A ii of the tender. We look forward to your confirmation.	No. It will not qualify. Each work should be of 4 Cr or more
129	Functional Requirement Specifications - General Pg No. 50	The platform with a custom URL, single-sign-on (SSO) with existing platforms as per Bi-RIDE requirements in login and major interface pages.	1. Please specify the preferred SSO protocol (SAML, OAuth, Azure AD, etc.). 2. Is SSO a mandatory requirement at initial deployment or can it be implemented at a later phase? 3. Kindly confirm the existing systems with which SSO integration is required.	Refer Corrigendum SI No.08
130	Functional Requirement Specifications - General Pg No. 50	The system should have open API endpoints and documentation related to API development for integrating the system with other solutions like MSP/Primavera, ERP, Facility Management, or VendorManagement Systems, BMS/CAFM/CMMS, etc.	End points are available. Could you please provide any specific integration touch points. Such as 1. Work measurement data integration with Finance management system 2. Is the scope being only to provide requested API end points are do any changes in the system to further deliver end to end integrations	1. Integration with SAP HANA S4 (Modules - MM, PS, HR and FICO) 2. End to End integration with SAP, MSP/Primavera and GIS. For future integration with other same/other vendor of Facility Management or Asset Management , API shall be open
131	Functional Requirement Specifications - General Pg No. 50	The platform, along with a web-based interface, should also have a Desktop Application that can be installed. This should allow users to access project data and does not necessarily require them to open and access the platform through a web browser.	1. Are there any specific offline or local access requirements driving the need for a desktop application? 2. Is desktop application support a mandatory requirement, or can it be considered optional?	1. Desktop application is required 2. It is required as per FRS
132	Functional Requirement Specifications - General Pg No. 50-51	This module shall allow Role-based Access to create different User roles and allocate varying levels of roles and access to these shall be based on the requirements of the Project. The main functions of this module are, but not limited to, as follows: ·Define different levels of users and define different system capabilities for each level of user. ·Restrict access to certain folders for users. ·Different permission settings, including view, download, no access, etc. Create, edit and manage groups which can be formed as per roles or designations.	Is integration with external identity management systems required for role mapping?	1. Clause is self-explanatory. Role-based Access shall be feature of PMIS/CDE. There is no integration with external identity management system
133	Functional Requirement Specifications - Design Pg No. 51	The viewer should have different shading options, such as consistent colors, X- ray, Wireframe, Hidden lines, Shaded lines, Shaded, etc	Are all the listed shading modes (Consistent Colors, X-Ray, Wireframe, Hidden Lines, Shaded Lines, Shaded) expected to be available as one-click toolbar options for end user?	Clause is Self-Explanatory
134	Functional Requirement Specifications - Design Pg No. 51	The cost databases and schedule of rates should be automatically fetched from the ERP system being currently used by Bi-RIDE through API integration	1. Kindly specify the ERP system currently used for integration. 2. Are there predefined API endpoints or data formats to be followed?	1. SAP HANA S4 (Modules - MM, PS, HR and FICO) 2. To be decided by the bidder during interfacing with SAP and MSP/Primavera.
135	Functional Requirement Specifications - Design Pg No. 51-52	Users should be able to compare different versions of 3D Models to detect changes that happened in the latest design or document compared to the previous version under comparison.	What would be the frequency & volume of comparison of files per month?	As per project requirement

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from Bi-RIDE
136	Functional Requirement Specifications - Design Pg No. 52	Users should be able to compare different versions of 2D CAD Drawings to detect changes that happened in the latest design or drawing compared to the previous version under comparison.	What would be the frequency & volume of comparison of files per month?	As per project requirement
137	Functional Requirement Specifications - Design Pg No. 52	System shall be capable of highlighting changes on a federated multi- disciplinary 3D model level (not individual file comparison) and highlight changes in colors with legend (added / removed / modified).	1.Is federated model comparison a mandatory requirement or can it be considered for future phases? 2.Should change tracking include audit logs and version history for each modification?	1. Mandatory requirement 2. Clause is self-explanatory
138	Functional Requirement Specifications - Design Pg No. 52	System shall provide a configurable workflow for each type of RFI. A RFI workflow is triggered by someone submitting an RFI. The system should also be able to generate email notifications for the user for RFI/TQ generated and its responses	1. Are SLA timelines and escalation rules needed within the workflow? 2. Should notifications be limited to email or include in-app and SMS alerts as well?	1. Clause is regarding RFI. Not about SLA 2. Email and App
139	Functional Requirement Specifications - Design Approval Workflows Pg No. 53	The platform should enable the creation of review workflows with any number of levels. Each level can be pre-configured so that the users participating at that stage are predetermined. The platform must support reviews conducted either sequentially or in parallel and provide configuration options for specifying the minimum number of approvals required at any stage, defining mandatory levels, or skipping a level if permitted. The workflow should ensure that the review progresses to the next stage with different users only after all prerequisites of the previous stage are met. Additionally, the platform should allow the inclusion of users from different organizations in the review flow, if required.	Should workflows support cross-organization approvals with external user access controls?	Yes. GC and other contractors
140	Functional Requirement Specifications - Design Approval Workflows Pg No. 53	Perform markups, annotations, sketching, and comments on PDF, CAD, BIM, and document files on the cloud platform without the requirement of installing any separate software and should be able to export/download this annotated file to store on their device	1. Are layered annotations with user-wise tracking and versioning required? 2. Should annotations be integrated with workflows such as RFIs, approvals, or issue tracking? 3. Is annotation capability required across all file types (CAD/BIM) or primarily for drawings/PDFs	Clause is Self-Explanatory
141	Functional Requirement Specifications - Design Approval Workflows Pg No. 53-54	The CDE should have built-in capabilities of creating and viewing mark- ups like simple graphical and textual mark-ups, within the CDE environment on all kinds of files and also on Building Information Models without downloading the file. Ability to retain each reviewer redline and mark-up as mark-up layer and show each version, detail of mark- up such as who made the comment/mark-up, when and page number of the file where the mark-up was made. It should also support listing of all the mark-ups/comments.	Is markup functionality required on BIM models or primarily on drawings/PDFs?	It is required on BIM model as well
142	Functional Requirement Specifications - Design Approval Workflows Pg No. 54	Ability to view two versions of CAD, PDF, BIM files (in IFC/.rvt format, DGN) or any other file format desired by Employer side by side and highlight changes (new added objects, deleted objects, modified objects) within the CDE	1. Is side-by-side comparison for BIM models a mandatory requirement? 2. What level of change detection is expected (visual vs. element/property-level)?	1. Yes 2. LoD required is already defined in one of the FRS

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
143	Functional Requirement Specifications - Change Management Pg No. 55	Objects/Documents/Drawings should have a status to support decisions.e.g. draft, proposed, approved, rejected, cancelled etc.	Kindly confirm if standard status codes (ISO/client-defined) are to be enforced.	ISO 19650 for CDE is already defined in ToR
144	Functional Requirement Specifications - Document Control Pg No. 55	The system shall include comprehensive Engineering Document Management system (EDMS) as per international standards to manage all project documents of Bi-RIDE of all departments.	Should EDMS be integrated with other systems such as ERP or BIM platforms?	Yes
145	Functional Requirement Specifications - Construction Scheduling & Interface with Scheduling software and ERP Pg No. 56	The system shall be able to bidirectional integration with Scheduling software like Primavera P6 and MS Project for planning, scheduling, and monitoring activities and ERP system implemented in Bi-RIDE. SAP HANA solution is implemented in Bi-RIDE	Kindly confirm the level of integration required (one-way vs. real-time bidirectional sync).	Real-Time Bidirectional.
146	Functional Requirement Specifications - Construction Scheduling & Interface with Scheduling software and ERP Pg No. 56	The platform should have the ability to split the master schedule of the project into different packages or as per different contractors to view their timeline	Kindly confirm if separate schedule creation is acceptable in lieu of master schedule splitting.	Clause is Self-Explanatory
147	Functional Requirement Specifications - Construction Scheduling & Interface with Scheduling software and ERP Pg No. 56	Contractors should only be able to view their timeline and schedule, and not the entire project schedule or the schedules of other contractors.	<ol style="list-style-type: none"> 1. Kindly confirm if separate contractor-wise schedules are acceptable in lieu of restricted master schedule access. 2. Is strict schedule-level access control a mandatory requirement for all users? 3. Should visibility restrictions be applied at activity level, WBS level, or entire schedule level 	<ol style="list-style-type: none"> 1. Both shall be possible 2. Yes 3. All shall be possible
148	Functional Requirement Specifications - Construction Scheduling & Interface with Scheduling software and ERP Pg No. 57	4D tool shall be able to create heavy equipment virtual erection plans/logistics planning for critical site erection operations.	Are clash detection and site constraint simulations required as part of logistics planning?	Yes

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
149	Functional Requirement Specifications - Test/Readiness at Site, Pg No. 58	The central media library shall have faster searching capability based on computer vision to search based on items within pictures and text within pictures	1. Kindly confirm if OCR-based text search is sufficient in lieu of full image/object recognition. 2. What types of images are expected to be processed (site photos, drawings, documents)?	1. Both shall be possible 2. As per project requirement
150	Functional Requirement Specifications - Test/Readiness at Site, Pg No. 58	The digital forms should have an option to roll back, so that if a form entry is not correct, it can be sent back to contractors for revision and sharing the revised updates for approval.	1. Kindly confirm if rejection and resubmission workflow is acceptable in lieu of rollback. 2. Should revision history and comparison between submissions be maintained?	1. Rollback is required 2. Yes
151	Functional Requirement Specifications - Clash Detection & Transmittals (Interfacing Issues) , Pg No. 59	The platform should have the ability to create custom fields and configure the form for Issue creation related to clash in the platform.	1. Kindly confirm if custom issue forms without in-platform clash detection are acceptable. 2. Should clash issues be integrated from external tools (e.g., Navisworks/BIM tools)? 3. What specific fields are required for clash issue tracking (severity, discipline, location, etc.)?	1. Not acceptable. 2. Yes 3. As per project requirement
152	Functional Requirement Specifications - Mobile Application, Pg No. 60	Mobile applications should have a QR code scanning facility to check the version of drawings available on site.	1. Kindly confirm if QR code-based access to drawings is mandatory, or if search/filter-based retrieval of latest approved drawings on mobile is acceptable as an alternative. 2. Should QR scanning directly fetch the latest approved version, or is access to full version history also required upon scanning? 3. In case QR implementation is not feasible, would document tagging (WBS/location-based) for quick on-site access be an acceptable alternative?	1. QR code-based access to drawings is mandatory 2. Latest version 3.No
153	Functional Requirement Specifications - File Storage/Repository, Pg No. 61	The system shall be able to cross reference physical files (or media) so that printed documentation can be tracked and managed, though the use of QR codes or bar codes or other means (Ability to read/scan QR Codes, Bar Codes through mobile or tablet and also to auto generate QR codes and Bar Codes for tagging assets). Also, the ability to scan QR codes and extract relevant information about the object, i.e. information (drawings, documents etc) tagged with that QR code shall be listed	1. Kindly confirm if QR/barcode functionality is mandatory or if metadata-based tracking can be considered as an alternative. 2. Should QR codes be autogenerated and mapped to documents, assets, or locations? 3. Is real-time retrieval of linked documents upon scanning required in mobile (including offline mode)?	1. QR code-based access to drawings is mandatory 2. Yes 3. Yes
154	Functional Requirement Specifications - Data Security Pg No. 61	Ensure that data backup is maintained at a separate server and location to ensure no loss of data.	Are there specific disaster recovery targets (RPO/RTO) to be met?	As per latest guidelines of MeitY. Bidder shall go through Disaster Recovery Best Practices in Cloud Computing issued by Cloud Management Office (CMO) under the Ministry of Electronics and Information Technology (MeitY)
155	Functional Requirement Specifications - Engineering Project Progress Measurement System, Pg No. 62	Bidirectional integration with Scheduling applications like Primavera, /MSP etc and ERP system implemented in Bi-RIDE.	1. Kindly confirm the level of synchronization required (real-time vs. periodic updates). 2. What specific data points are to be exchanged (activities, progress, cost, resources)? 3. Are there predefined APIs/middleware available for integration with existing ERP systems?	1. Real-Time 2. As per project requirement 3. As per project requirement. Overall SAP modules, MSP/Primavera, GIS shall be integrated

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
156	Functional Requirement Specifications - Engineering Project Progress Measurement System, Pg No. 62	Scheduling logics needs to be brought to proposed system for what if Analysis, critical path and AI assisted predictions	1. Kindly confirm if AI-based forecasting is mandatory or basic what-if analysis is sufficient. 2. What level of scenario analysis is expected (resource, time, cost impacts)? 3. Should predictions be based on historical project data or real-time progress inputs?	1. Yes 2. As per project requirement 3. As per project requirement
157	Functional Requirement Specifications - Engineering Project Progress Measurement System, Pg No. 62	Automatic capture of progress of procurement deliverables at defined stage gates based on the actual transactions placed in SAP through API Integrations	What procurement events/stage gates need to be tracked (PO creation, delivery, invoicing, etc.)?	As per SAP implemented in K-RIDE
158	Functional Requirement Specifications - Engineering Project Progress Measurement System, Pg No. 62	AI assisted productivity trends based on the actual execution against set productivity norms.	Kindly confirm if AI-based recommendations (e.g., catch-up plans) are acceptable in lieu of full productivity trend analytics.	Bid Condition shall Prevail
159	ITC / Data Sheet (Eligibility Criteria), Clause 5.3A – Work Experience	"Similar Works" for this Contract shall be defined as below: Supply and Implementation of Project Management Information System (PMIS) with inbuilt Common Data Environment /Electronic Data Management Software Solutions for Large Infrastructure Projects shall mean Railway /Metro /RRTS/ Airport/Shipyards/Refineries/Steel/Power Plant Projects	Highway and road projects are large-scale and complex, involving multi-stakeholder coordination, document management,scheduling, cost tracking, and GIS-based monitoring. We are currently engaged in large highway projects of similar nature, involving coordination with multiple stakeholders and inclusion of electrical components, where PMIS/CDE or comparable digital platforms are extensively utilized. Given the comparable scope, scale, and complexity, we request you to kindly consider highway/road projects as "similar work." This will enable wider participation and enhance competition. Accordingly, we request you to kindly amend the similar works to: Railway/ Metro/ RRTS/ Airport/ Shipyards/ Refineries/Steel/Power Plant Projects/Highway/Road Projects	Bid Condition shall Prevail
160	TOR (PMIS & CDE Requirements) Relevant Clauses on PMIS, CDE & Relevant Clauses on PMIS, CDE & Integration	The RFP specifies implementation of a unified cloud-based PMIS with inbuilt CDE acting as a single source of information, along with mandatory integration with external systems such as Primavera P6, MS Project, SAP HANA ERP, GIS (ESRI ArcGIS), and other enterprise systems through APIs	Kindly confirm whether the PMIS is expected to be delivered as a single unified platform with inbuilt modules, or whether a federated architecture (integration of multiple specialized systems via APIs) is acceptable, provided it delivers a seamless singleinterface user experience and complies with all integration requirements with external systems such as scheduling tools (Primavera/MS Project), ERP (SAP HANA), GIS platforms, and other enterprise systems	Bid Condition shall Prevail
161	TOR (Cloud & Infrastructure Requirements) Relevant clauses on hosting, data residency & security	The RFP mandates hosting of PMIS in a MeitY empanelled Indian Data Centre with geo-fencing, use of dedicated servers, mandatory VAPT through CERT-In empanelled agency, and prior approval of cloud service provider by Bi-RIDE	Kindly confirm whether bidders are required to propose only MeitY empanelled cloud service providers from the bidding stage, or whether equivalent cloud providers compliant with Indian data residency (with empanelment to be ensured prior to Go-Live) would be acceptable. Additionally, please clarify whether shared cloud infrastructure (logically isolated/tenant-based) is permitted, or strictly dedicated physical infrastructure is mandatory	MeitY empanelled cloud service providers are mandatory

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
162	TOR (BIM & Model Management Requirements)Clauses related to BIM, model viewing & CDE	The RFP specifies support for BIM functionalities including 3D/4D/5D visualization, model federation, and the capability to view LOD 500 models with embedded nongraphical data and update them with as-built metadata	Kindly confirm whether full LOD 500 capability (including as-built data integration and lifecycle asset information) is mandatory at the time of Go-Live, or whether progressive BIM maturity (e.g., starting from LOD 300/400 and evolving to LOD 500) during the project lifecycle would be acceptable	Yes. Full LOD 500 is mandatory
163	TOR (Training & Capacity Building, Clauses related to training locations, sessions & manpower	The RFP specifies training at 1 Corporate Office and 3 Field Offices in Bengaluru, with initial and periodic training sessions (basic and administrator), along with provision of manuals, e-learning modules, and deployment of OEM-certified site engineers. The BOQ includes 100 mandays for training and an initial user base of 200 licenses	Kindly clarify whether the 100 mandays of training effort is inclusive of all initial and recurring training sessions (over the entire contract period), or limited only to the initial phase. Additionally, please clarify whether any increase in number of users/licenses beyond 200 would proportionately increase the training scope and cost, or the same is to be absorbed within the quoted price	1. Bidder shall arrange training as and when required by Employer during contract period. 2. Licenses and Trainings are separate BoQ items.
164	TOR (Implementation & Data Migration),Clauses on implementation steps & cloud storage	The RFP includes Final Data Migration as part of the implementation phase, with provision of 5 TB cloud storage and additional storage on requirement basis. However, no specific details are provided regarding the volume,format, or sources of existing/legacy data	Kindly provide details regarding the approximate volume, formats,and sources of data to be migrated from existing systems. Additionally, please clarify whether data cleansing, structuring, and validation of legacy data is within the consultant's scope, or will be handled by BI-RIDE prior to migration	Bidder has to assess before submitting the Bid
165	TOR (PMIS Functional & Technical Requirements),Clauses on configurability, customization, workflows & FRS	The RFP specifies that the PMIS shall be a configurable and customizable cloud-based platform, requiring SRS, gap analysis, workflow tailoring, UI customization, and continuous process evolution during the contract period. The system also includes 170+ functional requirements involving custom workflows, forms, and KPIs	Kindly clarify whether the proposed solution is expected to be primarily a configurable COTS platform with minimal codingbased customization, or whether significant custom development (including new modules/workflows beyond standard product capabilities) is envisaged within the scope. Additionally, please clarify if there are any limits or guidelines on extent of customization vs configuration	Bidder has to assess before submitting the Bid
166	TOR / Contract (SLA & Support Requirements),Clauses on uptime, support response & penalties	The RFP specifies stringent SLA requirements including 99.98% uptime, defined severity levels with resolution timelines, penalties linked to contract value, 12x7 helpdesk support, and zerodowntime upgrade expectations	Kindly clarify whether the penalties linked to SLA breaches are capped at a specific percentage of the overall contract value, and whether force majeure events, third-party system failures (e.g., SAP, Primavera, cloud provider outages), or integration dependencies will be excluded from SLA penalty calculations. Additionally, please confirm if scheduled maintenance windows and planned upgrades are excluded from uptime calculations	1. third-party system failures (e.g., SAP, Primavera, cloud provider outages), or integration dependencies will be excluded from SLA penalty calculations
167	Contract (Payment Terms),GC 6.4(c) & Advance Payment Clause	The RFP specifies payment within 60 days from receipt of invoice. It also allows for advance payment against submission of an equivalent bank guarantee, but the percentage of such advance is not clearly defined	Given the substantial project duration and the requirement for continuous deployment of manpower, equipment, and technical resources across both implementation and O&M phases, clarity on cash flow mechanisms is critical. In this regard, we request the Authority to kindly: 1. Specify the maximum permissible percentage of advance payment allowed under the Contract; and 2. Reconsider the current payment timeline of 60 days,and evaluate the feasibility of: Reducing the payment cycle to 30–45 days, or Introducing milestone-based and/or interim payments, particularly during intensive deployment phases.These measures are essential to ensure efficient resource mobilization, sustained project delivery, and overall financial viability.	1. No advance Payment 2. Payment shcedule is quarterly

S. No.	Reference	Existing Clause Description	Bidder's Queries	Response from BI-RIDE
168	Pages 158-163, Clause 13 & 14	These clauses mandate a 3% Performance Guarantee and a 5% Security Deposit of the contract value.	We request a waiver of the security deposit for MSME companies, in line with the Government of India's 'Public Procurement Policy for Micro and Small Enterprises (MSEs) 2012'. This policy aims to reduce the financial burden on MSEs and enhance their participation in government procurement.	Refer Additional Contract Condition- 1. Pg 49/186
169	Page 156, Additional Clause 4	The clause defines working hours and states that "The Experts shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave..."	The clause currently does not allow for any paid leave for deputed key personnel. It is requested that at least 2 day of leave per personnel per month be considered to account for reasonable absences towards casual and/or sick leave. These leaves may be accumulated and utilized within a year.	Bid Condition shall Prevail