Request for Proposal (RFP)

Design, Development and Maintenance of Integrated Project Management System (IPMS) for BMRCL

Corrigendum 1

<table>
<tr><th>Sr. No.</th><th>Addition / Deletion / Modification / Clarification</th><th>RFP Clause No. Annexure No. & Page No.</th><th>Old Requirement / Clause / Details / Attachment</th><th>New Requirement / Clause / Details / Attachment</th></tr>
<tr><td>1</td><td>Modification</td><td>Section 1, Clause 1.1: Milestones & Timelines Sub clause (1) Timeline for the Selection Page No. 5</td><td>
<table>
<tr><th>Milestones</th><th>Timeline</th></tr>
<tr><td>RFP release on JICA website</td><td>18th September 2026</td></tr>
<tr><td>Submission of queries</td><td>23rd September 2026</td></tr>
<tr><td>Pre-bid query meeting of JICA, BCG & BMRCL with prospective bidders</td><td>25th September 2026</td></tr>
<tr><td>Submission of technical & commercial proposals</td><td>30th September 2026</td></tr>
<tr><td>Qualified (eligible) potential bidders’ technical presentations</td><td>6th October 2026</td></tr>
<tr><td>Contract award – issuance of letter of award</td><td>9th October 2026</td></tr>
<tr><td>Partner onboarding</td><td>12th October 2026</td></tr>
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<tr><td>Qualified (eligible) potential bidders’ technical presentations</td><td>13th / 14th October 2026</td></tr>
<tr><td>Contract award – issuance of letter of award</td><td>15th October 2026</td></tr>
<tr><td>Partner onboarding</td><td>19th October 2026</td></tr>
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<tr><td>2</td><td>Modification</td><td>Section 1, Clause 1.2: Submission Process & Proposal Formats Page No. 6</td><td>Electronic submission must be received at JICADXLabIPMS@bcg.com by the latest 11:59 PM Indian Standard Time on or before 30th September 2026. The email subject needs to be changed to “JICA-BMRCL-IPMS,” followed by your organization name.</td><td>Electronic submission must be received at JICADXLabIPMS@bcg.com by the latest 11:59 PM Indian Standard Time on or before 6th October 2026. The email subject needs to be changed to “JICA-BMRCL-IPMS,” followed by your organization name.</td></tr>
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<tr><td>3</td><td>Modification</td><td>Section 4.2.5: Tool-Based Scheduling & Monitoring — Functional Requirements</td><td>Integrate natively (without middleware) with Oracle-based project controls platforms and provide features to export and import schedule data in XER and XML formats.</td><td>Integrate natively with project controls platforms and provide features to export and import schedule data in XER and XML formats.</td></tr>
<tr><td>4</td><td>Modification</td><td>Section 4.4.1 - Screen size and resolution.</td><td>Browser supported with version:
Internet Explorer IE 11 and above; Edge
Safari 15 and above
Firefox 89 Onwards
Google Chrome 94 and above</td><td>The solution shall support current stable versions of modern browsers, including Microsoft Edge, Google Chrome, Mozilla Firefox and Apple Safari.

Edge
Safari 15 and above
Firefox 89 Onwards
Google Chrome 94 and above</td></tr>
<tr><td>5</td><td>Modification</td><td>Section 4.2.6 – Presentation Layer</td><td>The visualization/BI platform should comply with major global standards including ISO 27001/27017/27018, SOC 1/2/3, CSA STAR, PCI DSS, HIPAA, GDPR, FedRAMP, FIPS 140-2, and multiple regional compliance frameworks. It supports enterprise-grade security through encryption, Azure AD access control, DLP, sensitivity labels, and end-to-end audit logging.</td><td>The visualization / BI platform should comply with major global standards including ISO 27001/27017/27018, SOC 1/2/3, CSA STAR, PCI DSS, GDPR, FIPS 140-2, and multiple regional compliance frameworks. It should support enterprise-grade security through encryption, enterprise IAM / SSO-based access control or equivalent, DLP, sensitivity labels where applicable, and end-to-end audit logging.</td></tr>
<tr><td>6</td><td>Addition</td><td>Section 7 – Payment milestones</td><td><table><tr><td>Milestone 4A</td><td>Milestone 4A: Release 2 build and integration — Planning, Design & Schedule Integration</td><td>Configuration/development and integration of Release 2 modules: 3D BIM, Automated BoQ/Takeoff, Integrated Design & Review Platform, Invoice & Variation Digitization and final Progress Monitoring Dashboards</td><td>20 %</td><td>Release 2 modules functional in staging; BIM/design/schedule data integration demonstrated; relevant dashboards and integration flows available</td></tr></table></td><td><table><tr><td>Milestone 4A</td><td>Milestone 4A: Release 2 build and integration — Planning, Design & Schedule Integration</td><td>Configuration/development and integration of Release 2 modules: 3D BIM, Automated BoQ/Takeoff, Tool Based Scheduling & Monitoring, Integrated Design & Review Platform, Invoice & Variation Digitization and final Progress Monitoring Dashboards</td><td>20 %</td><td>Release 2 modules functional in staging; BIM/design/schedule data integration demonstrated; relevant dashboards and integration flows available</td></tr></table></td></tr>
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7	Modification	Section 4.1.1 Tech Stack (Indicative)		

Sl. No.	Solution	User count/license sizing assumptions (indicative)
1	3D BIM	To be used by one representative from Civil, Projects and central design team.
2	Automated BoQ/Takeoff	To be used by two representatives who are accounted for the tendering - to use it for civil and system tenders, another one for accounted for the design & engg. Team to validate the takeoff quantities from DDC
3	Integrated design & review platform	To be used by the representatives for each package (assuming there are total 10-12 packages)
4	Document & workflow digitization	To be used by a list of 4-5 users comprising of initial and final approvers
5	Daily update digitization	200+ users to use this solution for submitting the request and data (read only users). To be used for pushing the data from custom built mobile app to the proposed platform
6	Tool-based scheduling & monitoring	To be used by key (2-4) Civil and Projects CoE representatives for managing schedules, similarly 2-4 representatives for monitoring purpose, one license to be reserved for leadership representative
7	Digital Inspection Checklist	Used by inspection team per package (approx. 10-12 packages) and would be used to push the data from custom mobile app to the proposed platform
8	Invoice & Variation digitization	Used by ERP and Finance team representatives (4-5) for approvals.
9	Progress monitoring dashboards	Custom dashboard to be used by key stakeholders and platform users Individual users need read-only access for the local dashboards provided by the tools.

Sl. No.	Solution	User count/license sizing assumptions (indicative)
1	3D BIM	One representative from Civil, Projects and central design team
2	Automated BoQ/Takeoff	To be used by two representatives for the tendering - to use it for civil and system tenders, another one for the design & engg. team to validate the quantities
3	Integrated design & review platform	To be used by the representatives for each package (2 users per package for 6 packages)
4	Document & workflow digitization	To be used by a list of 4-5 users comprising of initial and final approvers
5	Daily update digitization	Upto 100 users for submitting the request and data (read only users); To be used for pushing the data from custom mobile app to proposed platform
6	Tool-based scheduling & monitoring	To be used by Civil and Projects CoE representatives for managing schedules, representatives for monitoring purpose, one license for leadership
7	Digital Inspection Checklist	Used by inspection team per package; (2 users per package for 6 packages) Used to push the data from custom mobile app to the proposed platform
8	Invoice & Variation digitization	Used by ERP and Finance team representatives for approvals.
9	Progress monitoring dashboards	Custom dashboard to be used by key stakeholders and platform users Individual users need read-only access for the local dashboards provided

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<tr><td>8</td><td>Modification</td><td>Section 2.1.2 – Contract Duration</td><td>While the total contract duration for development of the IPMS is till 15th February 2027, this timeline may be revised in the event of unforeseen circumstances, subject to mutual agreement with JICA.</td><td>The contract completion date is 15 February 2027 as specified in the RFP. No extension of the contract period will be allowed under any circumstances. While the completion date may be advanced if the work is completed earlier than planned, it cannot be extended.</td></tr>
<tr><td>9</td><td>Modification</td><td>Section 3.3.1 - Technical evaluation criteria and scoring guidelines</td><td>Each project must have a minimum size of USD 100k (~INR 95L) and must have completed the project in the last 5 financial years (between January 2021 to June 2026).</td><td>Each project must have a minimum size of USD 100k (~INR 95L) and must have completed the project in the last 5 financial years (between April 2021 to March 2026).</td></tr>
<tr><td>10</td><td>Modification</td><td>Section 4.2.5 Application & Core Layer</td><td>3D BIM

The IPMS shall support importing, managing, and viewing 3D BIM models from leading authoring tools (e.g., Autodesk Revit, Bentley, Tekla, ArchiCAD) in native and open formats such as IFC, RVT, and DGN. A sample of drawings can be provided by BMRCL upon request during the pre-bid query resolution session.</td><td>3D BIM

The IPMS shall support importing, managing, and viewing 3D BIM models from leading authoring tools in native and open formats such as IFC, RVT, and DGN. A sample of drawings can be provided by BMRCL upon request during the pre-bid query resolution session.</td></tr>
<tr><td>11</td><td>Modification</td><td>Section 4.2.6 Presentation Layer</td><td>Integrated Data Aggregation – The vendor shall design and develop a Central Web Portal that consolidates data from multiple project management and design platforms (e.g., Primavera, BIM, Autodesk, ERP, and other IPMS modules) through secure APIs or integration services.</td><td>Integrated Data Aggregation – The vendor shall design and develop a Central Web Portal that consolidates data from multiple project management and design platforms through secure APIs or integration services.</td></tr>
<tr><td>12</td><td>Modification</td><td>Section 4.2.5 Application & Core Layer</td><td>Invoice and Variation Digitization

The system shall allow digitization of contractor billing, stage-wise invoices (e.g., for viaduct span completion, station roof casting), milestone validation, and variation tracking. It should align with metro agency’s standard billing formats, track variation orders, claims, and integrate with finance or ERP systems like SAP or Oracle Financials.</td><td>Invoice and Variation Digitization

The system shall allow digitization of contractor billing, stage-wise invoices (e.g., for viaduct span completion, station roof casting), milestone validation, and variation tracking. It should align with metro agency’s standard billing formats, track variation orders, claims, and integrate with finance or ERP systems.</td></tr>
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Date: 30th September 2026