	Plaftorm Provider		A.C.I.D.	Autodesk	IsBIM	Asite	Trimble
	Item / Platform	ProjectWise 365	I'M CDE	BIM360	Jarvis	Asite	Trimble Connect
A	*Essential Requirements (as per CIC BIM Specification)*						
1	User-customisable access right control and management						
	Company Setup	Y	Y	Y	Y	N	Y
	Staff Account Setup	Y	Y	Y	Y	Y	Y
	Role setup	Y	Y	Y	Y	Y	Y
	Security Login	Y	Y	Y	Y	Y	Y
2	User-customisable folder structure						
	User-customisable folder structure	Y	Y	Y	Y	Y	Y
3	Supporting uploading, downloading, navigating BIM models and retrieving the attributes and information from the BIM Models in an open format and/or any format as required on the CDE						
	Upload and download BIM Model	Y	Y	Y	Y	Y	Y
	Upload plugin from Revit	Y	Y	Y	Y	N (IFC only)	Y
	Navigating BIM models (Model viewer)	Y for IFC only(?)	Y	Y	Y	Y	Y
	Navigating BIM models - Revit	Y	Y	Y	Y	N	Y
	Navigating BIM models - IFC	Y	In progress	Y	Y	Y	Y
	Retrieve the attributes from BIM Model	Y	Y	Y	Y	Y	Y
	Calculate properties - Area, Volume	Y	N	Y	N	N	N
4	Provide file version/ revision control						
	Versioning / revision control	Y	Y	Y	Y	N	Y
5	Provide a feature of comparing BIM models from different versions/revisions and automated identification of differences						
	BIM models version comparison	N	Y	Y	N	N	N
6	Access from portable devices and web applications						
	Web applications	Y	Y	Y	Y	Y	Y
	Access from portable devices	Y	Y	Y	Y	Y	Y
	Mobile app? / Responsive screen size?	Y	Y	Y	Y	Y	Y
7	Contained encryption for data security						
	Encryption for data security	Y	Y	Y	Y	Y	Y
8	Provide sufficient capacity to store all files throughout the project stages and operate properly as requested by the Employer						
	Sufficient capacity for file storage	Y	Y	Y	Y	Y	Y
9	Provide dashboards for presenting the BIM Progress information to different level of user						
	Dashboards for BIM Progress information Presentation	N	In Dec 2020	Y	Y	N	N
10	Provide an issue tracking system including the issue registration, logging, update and email notification to selected user account						
	Issue Management	Y	Y	Y	Y	N	Y
11	Provide off-site backup and disaster recovery of all project BIM models, documents and data						
	Off-site backup	Y	Y	Y	Y	Y	Y
12	Provide a feature of project archive that all project files and information shall be archived in Employer's preferred media and transferred to the Employer upon the completion of the design stage and construction stage respectively or as when requested by the Employer during the contract period.						
	Data Transfer back to Employer	Y	Y	Y	Y	Y	Y
	Retain model relationship	N	Y	N	N	N	N
B	*Other Requirements (as per CIC BIM Specification)*						
1	Provide a feature of linkage between different BIM models, 2D drawings and project documents within the CDE						
	Linkage between different BIM models (model federation)	N	Y	Y	Y	N	Y
	Eye menu Discipline Control	N	Y	N	N	N	Y
	Linkage between different BIM models and 2D drawings	N	Y	N	N	N	N
2	Provide a user-customisable workflow for document submission and approval						
	Workflow for document submission and approval	N	Y	N	N	N	Y
3	Allow electronic signature (e-signature)						
	Allow electronic signature (e-signature)						
4	Provide audit trial of the information stored in the CDE						
	Provide audit trial of the information store in the CDE						
	Model Audit	N	Y	N	N	N	N
	Audit Comparison	N	Y	N	N	N	N
C	*Additional Requirements and comparison*						
1	Provide a workflow for managing information process, reference to the process as described in ISO 19650-2:2018						

	ISO19650 BIM Workflow - Design/ Construction/ Operation	N	Y	N	(Y) (customisable upon request)	N	N
2	**Data Centre of CDE**						
	CDE Data Centre Location	USA	Hong Kong	USA	Shenzhen	Singapore	USA
3	**Customise installation in HA**						
	Customise installation in Local Server	N	Y	N	N	N	N
4	**Additional features for Model Management**						
	"Sushi Cut" for individual Control	N	Y	N	N	N	N
	Delta Change with Infraworks	Y	N	Y	N	N	N
5	**Document Management**						
	Support Word file	N	Y	N	Y	N	N
	Support jpg	N	Y	N	Y	Y	Y
	Support pdf	Y	Y	Y	Y	Y	Y
	Support Dwfx	Y	Y	Y	Y	Y	Y
	Document Tagging	Y	In progress	Y	N	Y	Y
	Issue Tagging	Y	Y	Y	Y	Y	Y
	Status Tagging	Y	Y	Y	N	N	Y
6	**Features facilitate collaboration / issue tracking**						
	3D Lock View and Annotation	Y	Y	Y	Y	Y	Y
	Arrow	Y	Y	Y	Y	Y	Y
	Mark up Clouding	Y	Y	Y	Y	Y	Y
	Save Annotation	Y	Y	Y	Y	Y	Y
	Text Markup	Y	Y	Y	Y	Y	Y
	Reposition after markup	Y	Y	Y	N	N	Y
7	**GIS Integration**						
	BIM + GIS Integration	N	Y	N	N	N	N
8	**Real-time (WIP) Revit Collaboration**						
	Revit Cloud worksharing	Y	N	Y	N	N	N
			alternative: utilising **Revit Server**	applicable for **BIM360 Design**	alternative: utilising **Revit Server**	alternative: utilising **Revit Server**	alternative: utilising **Revit Server**
9	**Clash Management**						
	Clash Management	N	Y, C- DRIVE	N	N	N	Y
	Clash Analysis	N	Navisworks	Y	N	N	Y
10	**Anti-virus software installation and maintain the updated security patches**						
	Anti-virus software installation	Y	Y	Y	Y	Y	Y
	Maintain the updated security patches	Y	Y	Y	Y	Y	Y
11	**Family Library**						
	Content Management System - CMS	N	Y	N	N	N	N