

Item	Reference Previous Pre-approved Code	Product Name	Reason for Delisting
1	PBS18-004	Autodesk CFD- Premium Commercial New Multi-user ELD Subscription	1. Software vendor's decision
2	PBS18-012	Dynamo Studio Commercial New Single-user ELD Subscription	1. Software vendor's decision
3	PBS18-021	Bentley LumenRT with SELECT Subscription	1. Software vendor's decision
4	PBS20-002	Cupix	1. Software vendor's decision
5	PBS20-010	BIMDECO Series - DecoDesign, DecoQuantity &DecoEngineer	1. Software vendor's decision
6	PBS18-029	EcoDesigner STAR International Commercial Single / Net License	1. Software vendor's decision
7	PBS19-021	ARCHICAD International Commercial Single / Net License with SSA / Forward, CodeMeter Keyplug for Archicad, plus EcoDesigner STAR International Commercial Single / Net License	1. Software vendor's decision
8	PBS18-044	Vico Office	1. Software vendor's decision
9	PBS18-046	QIM5D	1. Software vendor's decision
10	PBS20-003	Tetra 4D Converter	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
11	PBS20-012	3D PDF PRO 3D PDF Animate / 3D PDF Publish / 3D PDF Compare	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
12	PBS18-003	AutoCAD Revit LT Suite Commercial New Single-user ELD Subscription	1. Software vendor's decision
13	PBS18-005	CFD – Ultimate 2024 Commercial New ELD Subscription	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
14	PBS19-025	Tekla Structures Construction Modelling (CM-C) Commercial New Domestic License	1. Software vendor's decision
15	PBS19-026	Tekla Structures Rebar Detailing (RBD-C) Commercial New Domestic License	1. Software vendor's decision
16	PBS19-027	Tekla Structures Precast Detailing (PCD-C) Commercial New Domestic License	1. Software vendor's decision
17	PBS19-028	Tekla Structures Steel Detailing (STD-C) Commercial New Domestic License	1. Software vendor's decision
18	PBS19-029	Tekla Structures Full (FULL-C) Commercial New Domestic License	1. Software vendor's decision
19	PBS19-030	Tekla Structures Primary (PRI-C) Commercial New Domestic License	1. Software vendor's decision
20	PBS19-031	Tekla Structures Project Viewer (VIE-C) Commercial New Domestic License	1. Software vendor's decision
21	PBS19-032	Tekla Model Sharing (Cloud) (MDS-M-R12)	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
22	PBS22-002	Unity Reflect Review	1. Software vendor's decision
23	PBS22-003	Unity Reflect Collaborate	1. Software vendor's decision
24	PBS19-010	MagiCAD Quantity Surveying Module for Revit	1. Software vendor's decision
25	PBS19-019	ARCHICAD International Commercial Single / Net License with SSA Subscription, CodeMeter Keyplug for ARCHICAD	1. Software vendor's decision
26	PBS19-023	Archicad International Commercial Single / Net License with SSA Subscription, CodeMeter Keyplug for ARCHICAD + BIMcloud User License - Commercial International Net	1. Software vendor's decision

List of delisted
Construction Innovation and Technology Fund
Building Information Modelling (BIM) Pre-approved Software

Last update: 19 November 2024

Item	Reference Previous Pre-approved Code	Product Name	Reason for Delisting
27	PBS18-041	Bluebeam Revu	1. Software vendor's decision
28	PBS19-035	Codebook - Project Room Data Manager (PRD)	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
29	PBS20-009	AlphaBIM Component Library	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
30	PBS20-014	Edificius + RTBIM	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
31	PBS20-015	Edificius + RTBIM + VRiBIM	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
32	PBS20-018	PriMus FULL	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
33	PBS20-019	usBIM platform -BIM collaboration platform	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
34	PBS21-001	iConstruct	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
35	PBS21-002	CYPEPLUMBING Sanitary Systems	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
36	PBS21-003	CYPEPLUMBING Water Systems	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
37	PBS18-045	RIB 4.0	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years
38	PBS19-024	RIB CostX Quantify	1. No funding applications as of 30 Jun 2024; 2. Software admitted to the Pre-approved List for more than 3 years

Item	Reference Previous Pre-approved Code	Course Title	Reason for Delisting
1	PBT19-076	BIM Project Integration with SketchUp, Sefaira & Trimble Connect	1. Course Organiser's decision
2	PBT19-020	Open BIM Training	1. Course Organiser's decision
3	PBT19-025	5DBIM/ QIM Training	1. Course Organiser's decision
4	PBT19-011	BIM Practitioner-Mechanical, Electrical and Plumbing (MEP) Training Course (Intermediate Level)	1. Course Organiser's decision
5	PBT20-048	buildingSMART Professional Certification Foundation -openBIM® Program (Part 2)	1. PBT20-048 is now combined with PBT20-047 and no longer available
6	PBT18-082	CEII Architecture (ArchiCAD)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
7	PBT18-083	CEII Structure (Revit)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
8	PBT18-086	CEIII Architecture	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
9	PBT18-089	CEIII Structural Submission (Revit)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
10	PBT18-090	CEIII MEP	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
11	PBT18-092	CEIII Construction Management	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
12	PBT18-005	Building Information Modeling (BIM) – 12-Hr Advanced Workshop	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
13	PBT18-006	Building Information Modeling (BIM) - Introductory Course	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
14	PBT19-049	24-hr Autodesk Revit Basic Training Course (Architecture & MEP)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
15	PBT18-057	Level I Brief Introduction for BIM Concept Training	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
16	PBT18-063	Build.IT BIM Management / NEC / CDE Training Services (B3002)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
17	PBT18-064	Professional Certificate Programme in Civil and Infrastructure BIM (Integrated/Comprehensive)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
18	PBT18-065	Professional Training Course for Civil and Infrastructure BIM - Geotechnical Engineering	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
19	PBT18-066	Professional Training Course for Civil and Infrastructure BIM - Earthworks	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
20	PBT18-068	Professional Training Course for Civil and Infrastructure BIM - Highway Structure	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
21	PBT19-028	Building Information Modelling (BIM) - MagiCAD Ventilation	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
22	PBT19-029	Building Information Modelling (BIM) - MagiCAD Piping	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
23	PBT19-030	Building Information Modelling (BIM) - MagiCAD Electrical	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
24	PBT19-065	Autodesk Advanced Certificate in BIM Revit Structure	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
25	PBT20-017	Autodesk Navisworks Practical Course	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
26	PBT20-018	Autodesk Revit Architecture Fundamental	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
27	PBT20-019	Autodesk Revit MEP Fundamental	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Building Information Modelling (BIM) Pre-approved Training Course

Item	Reference Previous Pre-approved Code	Course Title	Reason for Delisting
28	PBT20-020	Autodesk Revit Structural Fundamental	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
29	PBT20-021	BIM Adoption in Government Project	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
30	PBT20-022	Navisworks in BIM	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
31	PBT20-023	Autodesk Revit Families Fundamental	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
32	PBT20-024	Basic BIM for Project Management (1D - 5D)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
33	PBT20-028	ArchiCAD Basic Skills	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
34	PBT20-029	ArchiCAD Intermediate – Documentation	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
35	PBT20-030	ArchiCAD Intermediate – Modelling	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
36	PBT20-031	ArchiCAD Advanced - Team Collaboration	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
37	PBT20-032	ArchiCAD Advanced - Architectural & Structural Engineering Collaboration	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
38	PBT20-033	ArchiCAD Advanced - Open BIM Collaboration	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
39	PBT20-034	Creation of Revit MEP Families	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
40	PBT20-035	Documentation, Annotation and Work-sharing in Revit	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
41	PBT20-036	MEP Families & Collaboration in Revit	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
42	PBT20-037	Project Collaboration in Revit (Fundamental)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
43	PBT20-038	Revit Documentation & Annotation (Basic)	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
44	PBT18-028	Point Cloud checks BIM (VTB)	1. Course Organiser's decision
45	PBT18-029	Point Cloud to BIM (ETB)	1. Course Organiser's decision
46	PBT18-030	Scan to BIM (STB) for manager	1. Course Organiser's decision
47	PBT19-024	HKIES Accredited BIM Training Level 1 (Revit)	1. Course Organiser's decision
48	PBT19-057	HKIES Accredited BIM Training Level 1 (Civil3D)	1. Course Organiser's decision
49	PBT19-058	HKIES Accredited BIM Training Level 1 (AECOSim)	1. Course Organiser's decision
50	PBT20-003	Introductory Workshop for Surveyor on Site Scanning	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
51	PBT20-004	Scan Directly to Indoors to BIM	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
52	PBT18-094	Building Information Modeling (BIM) in Architectural Design and Project Management	1. Course Organiser's decision
53	PBT18-095	Fundamentals of Building Information Modeling (BIM) for Engineers and Project Managers	1. Course Organiser's decision
54	PBT18-071	Civil BIM Basic - MicroStation for Civil: Basic	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years

List of delisted

Last update: 19 November 2024

Construction Innovation and Technology Fund

Building Information Modelling (BIM) Pre-approved Training Course

Item	Reference Previous Pre-approved Code	Course Title	Reason for Delisting
55	PBT18-072	Civil BIM Advance - OpenRoads Designer for Civil	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years
56	PBT21-007	BIM Software Practical Course - Navisworks (Basic Level)	1. Course Organiser's decision
57	PBT21-008	BIM Software Practical Course - Navisworks (Basic Level)	1. Course Organiser's decision
58	PBT20-045	BIM for Facility Management (Basic) Training	1. Course Organiser's decision
59	PBT20-046	BIM for Facility Management (Intermediate) Training	1. Course Organiser's decision
60	PBT20-009	Certificate in BIM Civil Engineering Design with AutoCAD Civil 3D	1. No funding applications as of 30 Jun 2024; 2. Training course admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
1	PA18-004	Exhaust Air Treatment Device	AFT Exhaust After Treatment System for Non-road Mobile Machinery	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
2	PA18-007	Safety Monitoring System	Construction Stage Tunnel Access Control System (TACS)	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
3	PA18-008	3D Reality Simulation / Data Management	3DM Analyst Mine Mapping Suite	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
4	PA18-010	Waterproofing Material	Growseal Nano-brush Coat	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
5	PA18-015	Automatic Bar Cutting Machine	300T Shear Line Model: DT-3210	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
6	PA18-018	Automatic Bar Bending Machine	Y25 Auto Bending Machine (5 Benders) Model: DT-B5-8	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
7	PA18-020	Automatic Bar Bending Machine	Y16 Auto Stirrup Machine Model: DT-BD16L	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
8	PA18-022	Automatic Bar Bending Machine	Bending Center, Model Number: Robot 60	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
9	PA18-023	Automatic Bar Cutting Machine	Shear Line, Model Number: XQ120, GJW1240, GJW150B	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
10	PA18-024	Automatic Bar Bending Machine	Bending Center, Model Number: G2L32, G2W50	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
11	PA18-025	Pile Cage Machine	Pilemaster III	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
12	PA18-026	Automatic Bar Bending Machine	PBX - Polybend	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
13	PA18-027	Automatic Bar Cutting Machine	Fully Automatic Cutting Machine for Steel Rebar Brand: Dar Hung Machinery	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
14	PA18-029	3D Reality Simulation / Data Management	SV Map	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
15	PA18-032	Safety Monitoring System	Visual Intelligence Safety Compliance Monitor (VISCMon) system	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
16	PA18-037	Concrete Slab Substituting Material	MatrixDeck Panel Configuration Models A200 to A850	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
17	PA19-002	Demolition Robot	Brokk Demolition Robots Model: B60, B800S	1. The discontinued model is delisted.
18	PA19-004	Force, Underground Water Level, Inclination, and Environmental Monitoring Sensor	Automated Internet of Things (IoT) Construction Monitoring Devices and Monitoring System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
19	PA19-007	Automatic Bar Bending Machine	Automatic Cutting and Bending Machine for Steel Rebar Model: Smart 13 Coil	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
20	PA19-008	Automatic Bar Bending Machine	Automatic Cutting and Bending Machine for Steel Rebar Model: Smart 13 Bar	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
21	PA19-009	Automatic Bar Bending Machine	Automatic Bending Machine for Steel Rebar Model: Robo Smart 45	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
22	PA19-012	Hydro-demolition Robot	Aquajet Aqua Cutter 710H	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
23	PA19-013	Movement Sensors	UtterBerry	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
24	PA19-015	Automatic Bar Bending Machine	Bi-directional automatic stirrup bender from coil Model: Schnell Prima 13	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
25	PA19-016	Automatic Bar Bending Machine	Bi-directional automatic stirrup bender from coil Model: Schnell Coil 16	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
26	PA19-021	Automatic Bar Bending Machine	High-speed automatic stirrup machine Model: OSCAM Multibend 16 Bar	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
27	PA19-023	Stone Slab Scanning & Cutting Machine	Informatization Production 3P Solution (Scanner, Planning, Software, Intelligent Cutting Machine) for Marble & Stone Model: KTS2200-1S	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
28	PA19-034	Project Management Software (DWSS-related)	Inspecto	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
29	PA19-038	Paint Spraying Robot	Paintbot	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
30	PA19-043	3D Reality Simulation / Data Management (CDE-related)	GeoConnect+ Common Data Environment	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
31	PA19-047	Safety Monitoring System	InfoSMART™ Attend – Real Time Manpower Attendance in-site Record System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
32	PA20-008	Digital Layout Tools	Leica iCON iCR80 Robotic Total Station	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
33	PA20-010	3D Reality Simulation / Data Management (CDE-related)	Jarvis BIM Cloud Platform Common Data Environment	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
34	PA20-012	Unmanned Vessel for Under Water Surveying	Unmanned Surface Vessel Model: SOUTH SL20	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
35	PA20-017	Digital Layout Tools	Topcon Layout Navigator LN-100	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
36	PA20-019	Material Lifting Machine	Wienold-LIFTE Material Lift Model nos.: GML-C/600, GML-C/800, MFC750	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
37	PA20-022	Paint Spraying Robot	PICTOBOT	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
38	PA20-023	Inspection Robot	QUICABOT	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
39	PA20-024	Project Management Software (DWSS-related)	SIMple	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
40	PA20-026	Exoskeleton	BIAVE – Bio-Inspired Anti-Vibration Exoskeleton	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
41	PA20-027	Formwork System	Ming Tai Smart Formwork Aluminum Tableform System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
42	PA20-030	Laser Scanner	Orica-GroundProbe Geotechnical Monitoring LiDAR (GML) Technology – GroundProbe Laser Scanner	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
43	PA20-034	3D Reality Simulation / Data Management (CDE-related)	MissionOS	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
44	PA20-036	Waterproofing Material	Growseal Versatile Nano-modified Cementitious Crystalline Waterproofing Material	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
45	PA20-037	Automatic Bar Bending Machine	Y16 Automated Bending Machine (5 Benders) Model: BM-D16*5	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
46	PA20-040	Movement Sensors	4DBloc (Deformation Monitoring Device)	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
47	PA20-042	Digital Layout Tools	Robotic Total Station DS2011	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
48	PA20-048	Waste-water cooled Air Conditioning System	emMiC Stormwater Air Conditioning System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
49	PA20-049	Project Management Software (DWSS-related)	Jobs Approve Application Flow Management System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
50	PA20-053	Industrialised Process – Robotic Welding #	Industrialised Process - Robotic Welding for Ductile Iron Pipes	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
51	PA20-054	Industrialised Process – Robotic Welding #	Industrialised Process - Robotic Welding for Black Steel Pipes	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
52	PA20-062	Unmanned Vessel for Under Water Surveying	Unmanned Surface Vessel iBoat BS2	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
53	PA20-063	Lifting Crane	Cormach Truck Mounted Crane 240000AX E series	1. No approved applications as of 31 Oct 2023. 2. Product admitted to the Pre-approved List for more than 3 years.
54	PA20-065	Movement Sensors	Loadsensing Wireless Monitoring System	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
55	PA20-066	Drone	UAV-based LiDAR System Z-Lab librid 6	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
56	PA20-067	3D Reality Simulation / Data Management	Drone2Map for ArcGIS (Standard)	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
57	PA20-068	3D Reality Simulation / Data Management (CDE-related)	ArcGIS Enterprise Standard	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
58	PA20-071	3D Reality Simulation / Data Management	DAARWIN: On-line Platform for Geotechnical Observational Method Implementation	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
59	PA20-072	3D Reality Simulation / Data Management (CDE-related)	AlphaBIM Project Management and Control Platform	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
60	PA20-077	3D Reality Simulation / Data Management	GXBIM	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
61	PA20-078	Project Management Software (DWSS-related)	Construction Resource Planning	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
62	PA20-079	3D Reality Simulation / Data Management (CDE-related)	G-Site	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
63	PA20-080	3D Reality Simulation / Data Management	SkylineGlobe - TerraBuilder	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
64	PA20-081	3D Reality Simulation / Data Management (CDE-related)	SkylineGlobe - TerraExplorer (Desktop, Web and Mobile) SkylineGlobe - CityBuilder	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
65	PA20-082	3D Reality Simulation / Data Management (CDE-related)	SkylineGlobe - SkylineGlobe Server	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
66	PA20-083	3D Reality Simulation / Data Management	SkylineGlobe - PhotoMesh	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
67	PA20-085	Safety Monitoring System	BLE Material & Attendance Tracker	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
68	PA20-087	Drone	Rotary Unmanned Aerial Vehicle SP1-MKIV	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
69	PA20-095	3D Reality Simulation / Data Management	Point Layout Commercial New ELD Subscription	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
70	PA20-099	3D Reality Simulation / Data Management (CDE-related)	ProjectWise Connect Edition	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
71	PA20-100	3D Reality Simulation / Data Management (CDE-related)	Bricsys 24/7 Project Collaboration Platform (Cloud based)	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
72	PA19-010	3D Reality Simulation / Data Management (CDE-related)	ArcGIS Desktop Type: Standard, Advanced, Data Interoperability	1. No approved applications as of 31 Oct 2023; 2. Product admitted to the Pre-approved List for more than 3 years
73	PA19-020	Laser Scanner	FARO Focus Core Laser Scanner	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
74	PA19-030	Automatic Wall Plastering Machine	Automatic Wall Plastering Machine TUPO	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
75	PA20-001	Laser Scanner	Leica BLK 360 Laser Scanner	1. The vendor requested for delisting.
76	PA20-041	Positioning and Tilt Surveying Tool	Hi-Target V90 Plus GNSS RTK System, V90 Plus GNSS RTK Base System	1. The vendor requested for delisting.
77	PA20-106	Digital Layout Tools	SATLAB Total Station - SLT2	1. Product no longer available.
78	PA20-110	3D Reality Simulation / Data Management	gINT Professional	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
79	PA20-112	3D Reality Simulation / Data Management	PLAXIS 3D	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
80	PA20-115	Lifting Crane	Jekko Mini Crane Model: SPX424 CDH, SPX424 C+	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
81	PA20-119	Safety Monitoring System	SAFEAI v3.0	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
82	PA20-122	Automatic levelling checking and paving system for asphalt / concrete paving machinery	Topcon 3D Precision Paving Control System 3DMC mmGPS	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
83	PA20-123	3D Reality Simulation / Data Management	PDF3D ReportGEN	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
84	PA20-124	Movement Sensors	South Real Time Monitoring System (SMOS)	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
85	PA20-126	Concrete Strength Maturity and Site Environment Data Sensor	LumiCon End-to-End IoT Solutions for Smart Construction Sites	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
86	PA20-129	Lifting Crane	F.lli Ferrari Hydraulic Truck Mounted Crane Model 990	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
87	PA20-133	3D Reality Simulation / Data Management (CDE-related)	Revizto	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
88	PA20-136	3D Reality Simulation / Data Management (CDE-related)	EcoDomus	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
89	PA20-138	3D Reality Simulation / Data Management (CDE-related)	ShareBIM	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
90	PA21-001	Automatic Control System for Excavator	TOPCON 3DMC X53x Indicate Control System	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
91	PA21-002	Project Management Software (DWSS-related)	Pre-cast Component Inspection Online System	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
92	PA21-003	3D Reality Simulation / Data Management (CDE-related)	dRofus (version 2.5)	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
93	PA21-009	3D Reality Simulation / Data Management	InfiPoints	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
94	PA21-010	Concrete Strength Maturity Sensor	COMMAND Center Concrete Temperature and Maturity Monitoring System	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
95	PA21-016	Project Management Software (DWSS-related)	Cerebro Inspection	1. No approved applications as of 30 Jun 2024; 2. Product admitted to the Pre-approved List for more than 3 years
96	PA21-022	Exoskeleton	EXO-01	1. Product no longer available.
97	PA18-006	Exoskeleton	Powered Wear MODEL-Y	1. The vendor requested for delisting.
98	PA18-039	Torque Wrench	Adaptive Torque System (AT system)	1. The product has been replaced by the latest model.
99	PA20-091	3D Reality Simulation / Data Management (CDE-related)	BIM 360 Build - User Pack CLOUD New Subscription	1. The vendor requested for delisting.

Construction Innovation and Technology Fund

Advanced Construction Technologies (ACT) Pre-approved Technology

Item	Reference Previous Pre-approved Code	Product Type	Product Name	Reason for Delisting
100	PA20-045	Battery Energy Storage System (BESS)	Ampd Enertainer Model: L, M, F, L+, M+, Silo M, Silo S	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
101	PA22-021	Battery Energy Storage System (BESS)	WELL GREEN Container Energy Storage System C.E.S.S.	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
102	PA22-031	Battery Energy Storage System (BESS)	ZBC500-250 & ZBC250-575	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
103	PA23-002	Battery Energy Storage System (BESS)	Battery Energy Storage System (BESS) Model : 01	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
104	PA23-023	Battery Energy Storage System (BESS)	MX FUEL™ CARRY-ON 3600W/1800W Portable Power Supply Model: MXF PS-0	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
105	PA23-059	Battery Energy Storage System (BESS)	RGT-ESS-645 Energy Storage System 聰電櫃	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
106	PA24-005	Battery Energy Storage System (BESS)	Lithium iron phosphate battery (LiFePO4) storage system	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
107	PA24-039	Battery Energy Storage System (BESS)	AEE-500儲能櫃	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025
108	PA25-029	Battery Energy Storage System (BESS)	CLPe Battery Energy Storage System (BESS) Model S	1. Support on Battery Energy Storage System (BESS) has been ceased on 1 Jun 2025