My City Construction
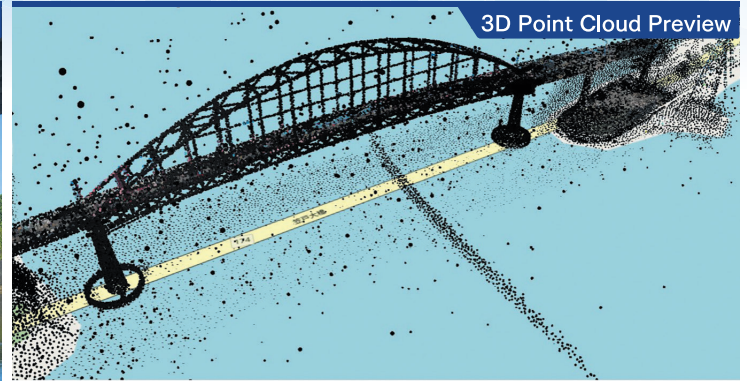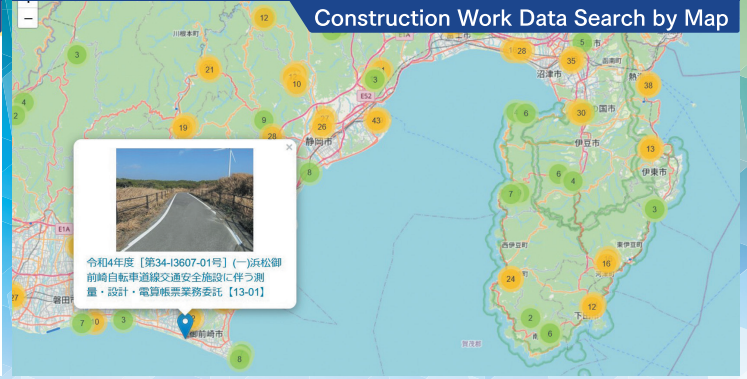
Online Electronic Delivery System

AIGID

Electronic Results of Road Work, Construction, etc. Can Be Delivered Online!

Home Screen

Construction Work Data Search by Map

令和4年度［第34-I3607-01号］（一）浜松御前崎自転車道線交通安全施設に伴う測量・設計・電算帳票業務委託【13-01】

Representative Photo

3D Point Cloud Preview

● What Is the Online Electronic Delivery System (My City Construction)?

With the recent full-scale launch of "i-Construction" by the Ministry of Land, Infrastructure, Transport and Tourism, the collection of 3D data, such as point cloud data, is increasing at public construction sites managed by local governments, etc. However, not much good use of the electronic deliverables containing such data have not been made so far. In this context, to support efficient delivery and enhanced utilization of the deliverables, we built and launched an online electronic delivery system called "My City Construction" (MCC), which has been in full operation since FY2020. As a cloud-based service, MCC does not require any initial or maintenance fees*, making for easy adoption not only by prefectural governments but also by smaller municipalities.

Deliver — Contractors simply upload the deliverables via a browser!

Store — No initial or operating fees required since it is a cloud-based service*.
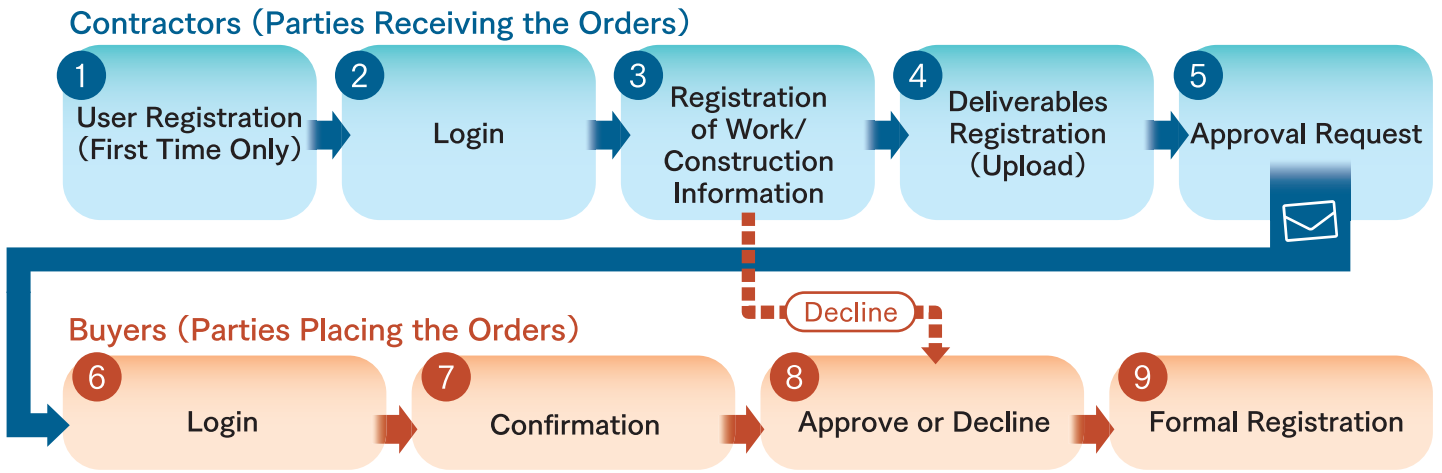
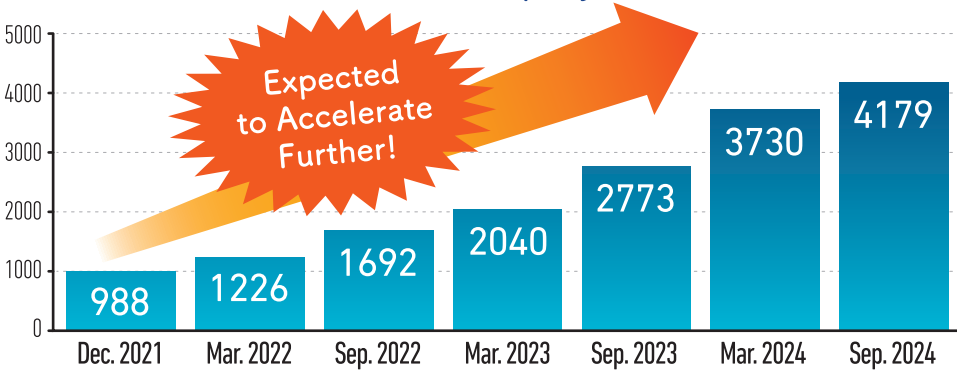**Publish** — Both buyers and contractors can be easily searched via a browser!

＊Contractors (parties receiving the orders) will be charged 11,000 yen per order (incl. tax) at the time of online electronic delivery, so there will be no cost burden on the buyers side in relation to the registration of deliverables. There is no actual charge on the contractors' side either, as the cost related to online delivery is included in the cost of construction/work.

Flow of Deliverables Registration

The service is accessed via the website. From the registration of deliverables to the request for approval by the buyers, everything can be processed online.

Contractors (Parties Receiving the Orders)

1. User Registration (First Time Only)
2. Login
3. Registration of Work/ Construction Information
4. Deliverables Registration (Upload)
5. Approval Request

Decline

Buyers (Parties Placing the Orders)

6. Login
7. Confirmation
8. Approve or Decline
9. Formal Registration

Current State of MCC Deployment

Expected to Accelerate Further!

Date	Value
Dec. 2021	988
Mar. 2022	1226
Sep. 2022	1692
Mar. 2023	2040
Sep. 2023	2773
Mar. 2024	3730
Sep. 2024	4179

Online Electronic Deliverables History
4,179 Cases

# of Contractors
502 Entities

# of Participating Municipalities
19 Municipalities

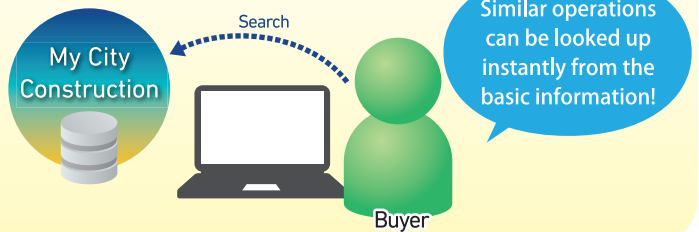(As of October 2024)

Effects of MCC Use

Streamlined Registration Process

Traditionally, deliverables (CDs) from the contractors were registered in the storage system by the buyers. With MCC, contractors register the deliverables, thus no work is required on the side of buyers.
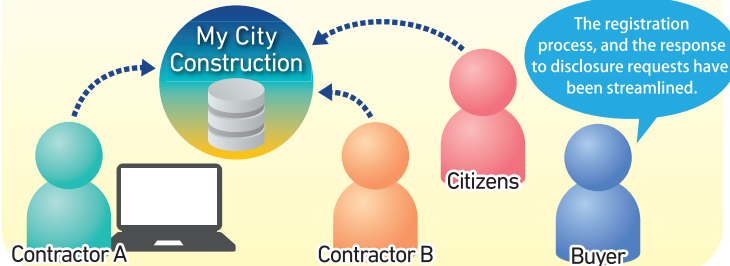
Registration — My City Construction

Contractor A
Contractor B
Contractor C
Contractor D

Advanced Search

Deliverables can be searched efficiently based on the basic information registered in MCC.

My City Construction

Search

Buyer

Similar operations can be looked up instantly from the basic information!

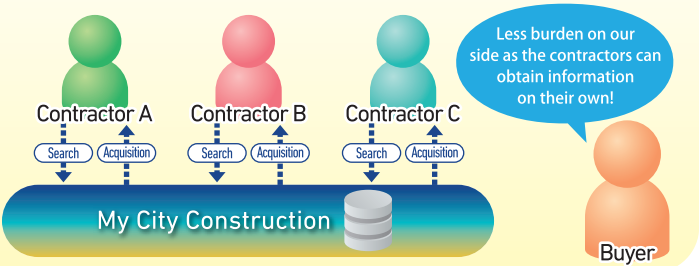## Open Information

Deliverables (e.g. point cloud data) can be released immediately upon agreement between the buyer and the contractor.

My City Construction

Contractor A
Contractor B
Citizens
Buyer

The registration process, and the response to disclosure requests have been streamlined.

Accelerated Deliverables Handover

The elimination of the need for electronic media exchange reduces the time and effort required for the lending process.

Contractor A
Contractor B
Contractor C

Search / Acquisition

My City Construction

Buyer

Less burden on our side as the contractors can obtain information on their own!