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Company name:	Lib Work Co., Ltd.
Representative:	Chikara Seguchi, Representative Director and President (Securities code:1431 TSE Growth/FSE Q-Board)
Inquiries:	Yoshiyuki Nanke, Director & Head of Corporate Planning (E-mail：contact@libwork.co.jp)

ASTERIA AND LIB WORK PARTNER TO DEVELOP NFT INFRASTRUCTURE FOR 3D-PRINTED HOUSES
World's First Project to Manage 3D-Printed House Design Data via NFT*
Japanese Yen-Backed Stablecoin JPYC to Be Accepted for Payments

Asteria Corporation (Headquarters: Shibuya-ku, Tokyo; President & Representative Director: Yoichiro Hirano; Securities Code: 3853) and Lib Work Co., Ltd. (Headquarters: Yamaga, Kumamoto Prefecture; President & Representative Director: Chikara Seguchi; Securities Code: 1431) announce a business partnership to develop NFT infrastructure and begin construction of a Housing Asset Digital Platform to prevent tampering with 3D-Printed house design data and other information. Additionally, by adopting Asteria's "Asteria Warp" platform, Lib Work plans to accept payments with JPYC, a Japanese yen-backed stablecoin, for our 3D-Printed houses and other construction projects.

1. BACKGROUND

The global 3D-Printed housing market is rapidly expanding because of its ability to reduce the use of costly building materials and address labor shortages in the construction industry. According to our research, the market is expected to grow to approximately ¥221 trillion by 2034—roughly 100 times its current size. However, 3D-Printed housing design data faces the following digital-specific challenges:

- High risk of unauthorized copying and tampering, requiring advanced management to ensure legitimacy and authenticity

- Repair histories directly impact asset valuations during sales and investments, yet they are not properly recorded and shared

To address these challenges, Lib Work began exploring a digital platform that records, certifies, and distributes design documents, construction data, and repair histories as NFTs. We have also partnered with Asteria, a company that possesses blockchain technology for tamper-proof certification used in shareholder meetings and municipal documents, to begin building a Housing Asset Digital Platform.

By combining Asteria's Web3 and NFT technology and expertise with Lib Work's 3D-Printed housing development know-how, we aim to build the world's first* platform that ensures housing asset reliability from both architectural and digital perspectives.

*Based on Lib Work research

2. GOALS

The Housing Asset Digital Platform aims to ensure the authenticity and reliability of housing assets and maintain and enhance their long-term value by recording and certifying 3D-Printed housing design, construction, and repair data as NFTs on the blockchain.

NFTs utilize blockchain technology to guarantee the uniqueness and tamper-proof nature of digital data. Applying this to housing provides the following new ownership benefits and added values:

1. Prevention of unauthorized copying of design documents (tampering is prevented by storing design document data on the blockchain)
2. Proof of authenticity (issuing digital certificates via NFT)
3. Keeping track of repair histories (transparent housing lifecycle management)
4. Asset value creation through serial numbering
5. Creating new value circulation for housing assets by centrally managing and distributing previously fragmented housing data
6. Metaverse expansion (utilizing design and construction data in digital spaces)

Lib Work also plans to accept payments using JPYC, a Japanese yen-backed stablecoin, by leveraging blockchain infrastructure and Asteria Warp.

3D-Printed Lib Earth House Model B

3. REASONS FOR PARTNERING WITH ASTERIA

Asteria has extensive technology development and implementation experience in blockchain and Web3 fields, helping to build platforms that offer authenticity, traceability, and tamper-proof certification in finance, manufacturing, and other sectors.

By combining their technology and expertise with our 3D-Printed house development know-how, we aim to build the world's first platform that ensures housing asset reliability from both architectural and digital perspectives.

4. FUTURE BUSINESS DEVELOPMENT

Asteria and Lib Work aim to expand the use of NFTs to general housing and create new value circulation for housing assets through the development of the Housing Asset Digital Platform.

We will also franchise and license our 3D-Printed home technologies, establishing a new model of scale in the housing industry. As a group, we are targeting a total of 10,000 3D-Printed houses by 2040, with this project serving as crucial infrastructure development toward achieving that goal.

Furthermore, Lib Work plans to expand our housing assets globally in the future by accepting USDT and USDC, two USD-backed stablecoins, to allow for international transactions.

5. IMPACT ON BUSINESS PERFORMANCE

The impact on FY2026 (ending June) business forecasts is expected to be minimal. We will promptly announce any matters requiring disclosure as they arise.

Through developing this system, Lib Work will work toward realizing SDG #3: Good Health and Well-being, #11: Sustainable Cities and Communities, #12: Responsible Consumption and Production, #13: Climate Action, #15: Life on Land, and #17: Partnerships for the Goals.

■ABOUT LIB WORK (Website: https://www.libwork.co.jp/)

Under the slogan "Changing lifestyles, changing the world, creating the future," Lib Work operates diversified businesses beyond residential construction to realize our mission of "creating innovation in housing through sustainability and technology."

We employ targeted customer acquisition strategies in our digital marketing through specialized sites like "e-tochi.net," a land listing website, and our "Lib Work ch" YouTube channel. We also operate subscription-based platforms for construction companies nationwide like My Home Robo (a system that proposes plans for new homes) and IP licensing of the "niko and ... EDIT HOUSE" house products co-developed with ALC/Adastria Lifestyle Creation. Additionally, we continue our work towards a sustainable future through the full-scale deployment of our sustainable 3D-Printed housing.

■About Asteria Corporation (https://en.asteria.com/)

Asteria is a software development company that provides products and services that "connect" systems, people, things and intentions based on the concept of "Connecting the World with Software". Its flagship product, "ASTERIA Warp" is middleware which integrates data from different systems and cloud services without coding and has been adopted by over 10,000 companies. Other products include digital storage app "Handbook X", mobile app builder "Platio" and no-code AI/IoT platform "Gravio". By offering these products, Asteria promotes digital transformation (DX) and helps organizations improve their business process efficiency. Asteria is also engaged in raising awareness of new technologies and their value and fosters innovation through its involvement in the launch of Blockchain Collaborative Consortium and No Code Promotion Association.