

# ICES2024

**TITLE OF PROJECT: “CIVILCART” – A COMPREHENSIVE ONLINE PLATFORM FOR ALL CONSTRUCTION NEEDS, SUSTAINABLE PRACTICES, AND BUSINESS GROWTH.**

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## **ABSTRACT (150-300words):**

The project "Civilcart" is a comprehensive platform serving as a one-stop solution for all construction needs, particularly catering to Individual House Builders (IHB). The primary focus of this initiative is to provide a seamless experience by offering high-quality construction materials, a range of engineering services, and construction solutions at the fingertips of IHBs. Civilcart not only facilitates access to materials but also functions as an educational hub, empowering customers with knowledge about construction materials and practices, fostering awareness about sustainable construction methods.

In terms of research methods, while working on site we observed the issues of each member of construction community like IHB, Material Suppliers, Construction service Providers & Engineers. The platform serves as a bridge between customers and vendors, providing a wide range of choices to customers while supporting the growth of vendors' businesses. The project goes beyond transactional relationships, actively working for the welfare of stakeholders and vendors.

One notable aspect is the commitment to labor empowerment. Civilcart provides a platform for listing all laborers for free, facilitating their access to work and ensuring sustainable growth. Also we register each labour on Government websites to get benefit of Government schemes to labour. Embracing sustainability further, the project promotes eco-friendly construction practices and materials to customers.

In response to the challenges posed by the Covid-19 pandemic, Civilcart emphasizes minimizing direct human contact. The platform's design considers safety measures while ensuring uninterrupted services.

In conclusion, Civilcart emerges as an innovative and socially responsible platform that not only addresses the construction needs of individuals but also contributes to the growth of vendors, promotes sustainable practices, empowers laborers, and ensures safety in the context of the ongoing pandemic.

**KEYWORDS:** Construction materials, Engineering services, construction services, customer Empowerment, Labor Empowerment, Sustainable Construction, Educate

**CATEGORY:** Construction Management and Methods.