

ISBN	978-93-88122-14-6
Website	www.veltech.edu.in
Received	07-May-2020
Article ID	NISDCE162

VOL	01
eMail	nisdce@veltech.edu.in
Accepted	22-May-2020
eAID	2020.nisdce.162

AN APPROACH TO AUTOMATED PROCUREMENT SYSTEM FOR CONSTRUCTION COMPANIES

Subashree R¹ Murugesan A²

¹ PG Student, Sona College of Technology, Salem, Tamil Nadu.

² Associate Professor, Sona College of Technology, Salem, Tamil Nadu.

ABSTRACT: In the modernized world, a lot has turned out to be possible with the help of processors which enhance human comfort to a wider extent. The Tendering process holds numerous complex problems, including high time consumption during the assessment of the tender application forms and high-cost expense due to the preparation of tender notice and inappropriate evaluation of the eligible supplier due to exhaustion on analyzing several application forms. These issues can be minimized by replacing the conventional tendering method with the electronic tendering system. This paper illustrates the significant fundamental factors considered during the supplier evaluation process and the adoption of a website based tendering system. Furthermore, the findings will help to speed up the tendering process, reduce the cost of processing and standardize the evaluation of tenders.

Keywords: Procurement, Supplier Evaluation, Electronic Tendering System, Web-Based Tendering System

This paper is prepared exclusively for International E-Conference on Novel Innovations and Sustainable Development in Civil Engineering 2020 which is published by ASDF International, registered in London, United Kingdom under the directions of the Editor-in-Chief Dr E B Perumal Pillai and Editors Dr. M Vinod Kumar and Mr. R. Saravana Kumar. Permission to make digital or hard copies of part or all of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage, and that copies bear this notice and the full citation on the first page. Copyrights for third-party components of this work must be honored. For all other uses, contact the owner/author(s). Copyright Holder can be reached at copy@asdf.international for distribution.

2020 © Reserved by Association of Scientists, Developers and Faculties [www.ASDF.international]