E-procurement Method and the Growth of Bigbasket Business

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Abstract

This case is the E-procurement strategy that's being talked about. At that point, the effect is the E-procurement strategy within the BigBusket trade development. In this assignment, to begin with, the point is to be the e-procurement and the BigBusket presentation. That's the company background that will be given. At that point the most thing of how to e-procurement develop the company. This can be the review part of the article this portion of all strategies in e-procurement that are completely portrayed. This portion is the foremost vital portion of the company. At that point, the following portion will be the Materials and strategy which is the collection strategy of any task. Since this portion is to portray how to handle specified in this consider which is the collect all information and data approximately the e-procurement strategy. This ponder was all information being collected in this strategy. Numerous strategies and models apply in this case. At that point, the other portion is to be the effect of the e-procurements within the BigBasket. This portion is to be the e-procurements strategy apply and the impacts of the development within the BigBusket commerce. That's totally described in this portion. This fundamental thighs of the BigBasket within the advertise to develop so much.

Keywords

E-procurement method, Bigbasket, E-commerce, business platform, management strategy.

INTRODUCTION

Electric obtaining, also recognized as e-procurement or dealer trade, is the procedure of inquiring, requesting and obtaining properties and then facilities connected. This can be a trade procedure. Unlike e-commerce, e-procurement employment closed a provider framework and was accessible to listed clients. E-procurement encourages interaction between preferred suppliers and clients through offers, purchase orders and invoices. E-procurement began in the 1980s after the advancement of Electronic Information Compatibility through EDI. As the period progressed, improvements to EDI allowed companies to make connected sets for sellers. Today, e-procurement includes all from dealer assessment and assortment to agreement management, electronic solicitation and instalments. E-procurement is a web interface or some other organised framework that interfaces providers and clients. In the enterprise, a chief acquisition officer or receiving office usually sets the system for overseeing the e-procurement of materials for the organisation. The determination of using an e-procurement framework is to procure foodstuffs or administrations at the most excellent conceivable price and at the leading price. Estimated time. To fulfil this objective, it is essential for businesses to connect with providers. It empowers receiving staff to negotiate contracts with providers. They can set rules or limits for budgets and use them at the e-procurement stage.

REVIEW OF ARTICLES

As companies look to maximise their benefits and streamline their operations, using e-procurement forms can be a helpful and cost-effective choice. Buying and offering items online allows companies to reach more diverse gatherings of people and speed up exchanges. Knowing more about this handle can help them implement it in their own business operations. E-procurement, or electronic acquisition, can be an advanced exchange handle that includes using the web to purchase and offer merchandise and administration [1]. This preparation uses a provider-closed structure, which means their enrolled clients can use it and get the benefits. E-procurement execution creates an integrated association between provider and buyer, which makes a difference in streamlining business-to-business (B2B) or business-to-consumer (B2C) forms such as e-mails, requests, purchase orders and offers.

Since e-procurement is an internet commerce degree, it employs organising frameworks and web interfacing for supply chain operations. The e-procurement handle may be an advancement of the 1980s, which is Electronic Information Compatibility (ALT), a technique that derives from the presentation. Depicts the exchange of information and data from one framework to another. **With the EDI system, e-procurement empowers companies to create online catalogues for their suppliers** [2]**.** This preparation includes elements such as contract administration and provider evaluation. There are also specialised e-procurement programs that they can use to robotize B2B engagements between providers and companies. E-procurement facilitates the exchange of data and information between companies and their suppliers. Companies can use this data to see receiving behaviour, use receiving controls, control non-related costs, and recognize openings to strengthen suppliers. E-procurement can provide a company with substantial cash surpluses as it dispenses

with the excessive errors that can occur when taking care of manual orders and printed materials. The company can use the extra money for other activities such as showcasing and advertising during that time. **By robotizing their receiving handles, companies are able to maintain more stable and cost-effective operations** [3]. There are many procurement software that companies can use to help meet this objective, making a difference by reducing the number of tedious tasks that have to be performed such as information division and testing. Items and administrations require them at a faster rate. This limits a difference in operation downtime, which ultimately translates into increased efficiency, reduced costs and increased profits. It is vital for a company to better monitor their stock as it enables them to gather accurate information about its current product supply. They can then use this data to make more educated trading decisions. This is a fundamental advantage of using e-procurement as it makes a difference in their additional time and increased efficiency [5]. Making all of the company's online shopping and offering forms work consistently creates a more uniform framework and makes it easier to isolate and resolve issues that have recently surfaced.

As all exchange and acquisition forms are kept online, the company reaches a wide run of desirable items and administrations. This assortment gives the company the ability to compare what's accessible and select the most excellent and cost-effective items for their company. Maverick costs are depicted when a person buys items that are not within the approved contract and arranged parameters. Limiting such exercise is a difference guaranteeing that all acquiring forms meet the compliance guidelines set forth between the company and the provider. **Online information exchange, or e-data, can be a phase that corresponds to a conventional collection cycle** [6]. It depicts data exchange between two parties. This trade often takes place between internal units of the company and significant outside providers. Getting started with this step empowers a company to optimise and streamline its e-procurement preparations. Online sourcing, or e-sourcing, is the procurement phase where the company pre-qualifies all of its potential providers. They provide this assurance based on defined acquisition requirements, allowing them to waitlist those providers for evaluation steps. This moment phase compares the trade prerequisite characteristics by company administrators and acquisition figures. **Online bidding, or e-tendering, depicts when an organisation requests data, quotes and recommendations from its shortlisted providers** [7]. They provide this assurance based on the prerequisites for receiving the assignment, allowing them to waitlist those providers for evaluation action. This phase of the moment compares the characteristics of business requirements by company administrators and acquisition figures. Online bidding, or e-tendering, depicts when a company requests data, quotes and recommendations from its shortlisted providers. This phase compares the evaluation and request handle and differentiates the company's analysis and

higher evaluation of potential providers.

In this third phase, companies can implement strategies to guarantee that their evaluation is straightforward. Online barter, or e-auction, is when all parties come to an understanding, including contract terms and costs, and the acquiring company buys. Merchandise or Administration from the Provider. In some cases, many companies try to secure a contract with a provider, often paying more to a buyer. Online item request or e-order is the final step in the e-procurement process that involves order progress and approval. This may be when the company places its orders and receives them on the valuation date thereafter. In order to finalise the procedure, the company lists the contracts in a computerised catalogue so that representatives can access them at a later date and make an up-to-date arrangement. Companies use receipts for the generation environment, such as buying materials and supplies, to make a thing. In comparison, **buying is buying discounted items and goods that they can exchange for a prompt benefit** [8]. Subsequently, receiving centres charge more with respect to items, where a toll is charged to receive those goods in need of receiving. The receiving handle is, as a rule, much simpler, often involving arrangements, support and payment for things. Sourcing can be a more complex preparation that includes these steps but requires more—recognition, contract sourcing, and sourcing. The acquisition is usually reactive and subordinate to client procurement, so it is often less focused on the exchange than the provider. Acquiring can be a more dynamic preparation to meet the company's needs, so they usually need to develop a long-term relationship with the provider.

MATERIALS AND METHODS

This inquiry into technique characterises the entire procedure carried out in the investigation method, from an inferential inquiry about the basis to data collection and analysis. The analyst adopted the deductive research approach to gather additional information to induce fitting in various ways that are gathered from the inquiry about the investigation. The advantage of "interpretive inquiry about the plan" is the understanding of the reason for the theme of the investigation which is carried out by the analyst through this investigation preparation. These "interpretive inquiries about the plan" are valuable to analysts who effectively meet all the criteria the inquiry addresses [9]. On the other hand, this utilitarian research plan is effective in informing about important issues and understanding them in critical areas.

Thematic data collection techniques have been used for this term paper which has played an important role in gathering high-quality results and data through proper methods of investigation work. This thematic research technique is a perfect option for the analyst to collect data as well as inquire about questions and answers by handling supporting data collection. The analyst used various data collection techniques such as observational, and visual

examination counting diaries, books or articles, and interviews [10]. On the other hand, analyst employment is almost the subject of an investigation to obtain important information on observation-based "subjective information collection strategies".

Comfort testing characterises a non-probability test preparation that is chosen for consideration within testing because it is the least demanding to reach the analyst. The analyst collects relevant and appropriate information and evidence related to the investigation point. The entire survey and collected data should be summarised by looking at a reasonable experimental strategy [11]. In order to carry out this research theme, comfort testing techniques focus on gathering important test data and information from relevant data sources. By preparing all these tests, the analyst has to collect a wide range of information and features with negligible test work which also saves time and cash.

The analyst takes a "secondary data collection source" to find out the purpose of the inquiry about the subject. It is important for the analyst to gather evidence as well as collect data from online information sources in order to preserve "accuracy". Additionally, auxiliary data collection techniques consist of a "thematic investigation" of the investigation topic through various online diaries, websites, investigative articles, factual information sources, blogs, and distributions [12]. In this manner, this source of data collection is valuable to the analyst who spends time and money in addition to data collection. In addition, much of the data required for a total inquiry about the point can be gathered effortlessly.

The analyst attached "thematic analysis" to the preparation of this auxiliary thematic data collection that was compiled to identify the basic variable characteristics of the online data collection strategy. Subsequently, "thematic analysis" has been helpful for research to release the objectives of the investigation evaluated within the investigation report. Investigate the test [13]. Topics are developed based on the objectives of the research topic which helps the analyst to clarify the findings about the objectives by investigating the data.

The degree of examination is to ensure any type of legitimate requirement that allows the validation of various facts, subjects and acquired information. After the preparation of the investigation, an inquiry about the standard is made. The analyst also takes on all the ethical considerations of investigation such as simplicity, unwavering quality and accuracy. In this manner, this "Information Assurance Act" encourages data collection, capability and management for the analyst while effectively interfacing with the complete inquiry about the handling of the observed investigation [14].

The analyst uses this "understood investigative logic" to conduct investigations to gather thoughts or convictions. A logical theory-based inquiry about points speaks to the methodological angle that must be gathered, deciphered, and used to investigate themes. Understanding is usually done without using any theoretical approach, system or normative model. Additionally, the office of "hermeneutic logic" is appropriate for the analyst to fully examine the point of inquiry by enumerating important results [15]. Following the "Deductive Investigation Approach" to total the display talk with the analytical inquiry theme. In this approach, this inquiry into readiness appears as a strategy as a collection of activity plans that have been taken and observed by the analyst while developing and conducting this inquiry. Through this thorough preparation, the analyst is able to find relationships between investigations as well as inquire about strategies. This "deductive investigation approach" made a difference allowing the analyst to extrapolate any information and generate suitable data from accessible data collection. The use of this deductive inquiry technique by the analyst is valuable in clarifying associations with findings about the destination [16]. In addition, the analyst uses this inquiry about a strategy to confirm the analyst's significance in gathering appropriate information agreed upon in the investigation point. This is all about the materials and methods to use this information.

RESULTS

When BigBasket was launched, apps were a no-brainer. So addressing geotagging where the transporter could effectively discover talks was not conceivable. BigBasket consumes reserved Conveyance happening time since its inception. When the client sets up an arrangement, the client benefits agent will call and note they are correct area finished the lat-long method. After welcoming the area, a category was created in the file then the transporter could effortlessly spread the client's speech using Google Maps [17]. The personal critical area information was deeply precise, in fact, Google Maps acquired this information from BigBasket. This time BigBusket followed the E-procurement rules and then they started the E-procurement method. E-procurement is the best method applied in the company to benefit many processes.

Supplying new nutrients is challenging, indeed more so in India. The nation has long needed a nutrition capacity framework. This hurdle makes BigBasket hope to acquire easily perishable items after agriculturalists. In the early existence of the start-up, the authors used to wake up early and visit discount natural products and vegetable ads at 3:30 a.m. to buy new deliveries [18]. Ultimately, BigBasket constructed its refrigeration substructure, walk-in coolers, biting lodgings, chilled stockrooms, and an armada of cars, that gave the company the ability to buy fresh produce at modest taxes.
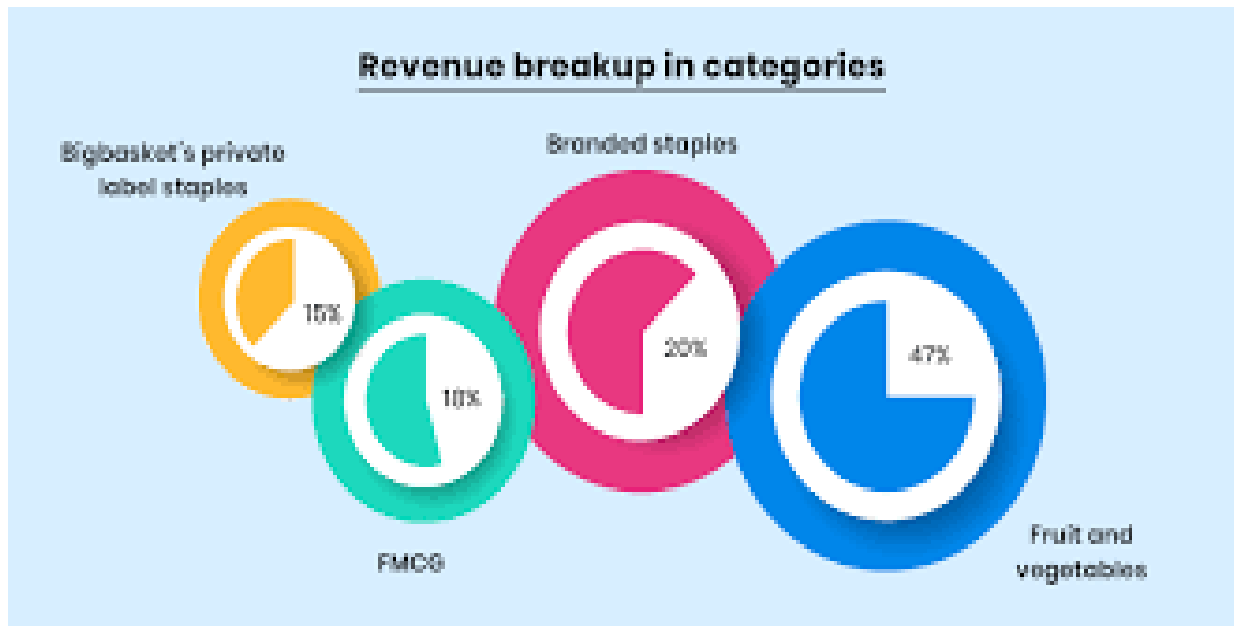
Figure 1: Business model [19]

The main points of this study are the impact of e-procurement on BigBasket. BigBasket attributes its client referral wins to three things: same-day shipping, long fill rates and on-time delivery. After going on a stock display, the company introduced same-day shipping options. Despite the e-procurement effect, the company charged Rs 30 per transport, the motion picture was a resounding success and made a difference as the company achieved a long fill rate, which rose to around 18%. BigBasket has tied up with over 1800 neighbourhood merchants in India to bring perishable items within an hour. This has completely reduced wastage and reduced stock costs. In Tier 1 cities, BigBasket rummage-sale to propose 90-minute transport, different from the standard delivery-slot options through e-procurement [20]. Later, the company added four hours of these two transportation options for total transportation to meet the growing competition. The company has contributed a huge stockroom, apparently, three eras superior to in the historical, to deliver clients through additional item selections, which remained not conceivable with the past 90-minute transport choices. BigBasket offers profitable rebates through e-procurement, bundling methods, timely transportation and suitability that help them recall clients and exploit auctions. The business uses a big amount of facility faculty to grip customer grievances with a board replying to 95% of noises inside the third circle [21]. The company rapidly settles inquiries from missing goods orders to cleaning ages where personal names are fundamental for BigBasket to bring a robust client recommendation and attain long-term adaptability, the business's innovation heap can be a key differentiator that controls its end-to-end. End-to-end processes from purchase, transportation, transportation, distribution, instalments and revenues. BigBasket praises branded leadership computer programs for helping the company achieve a near-perfect on-time rate. The corporation accepts this exceptionally, 10% markdown for advertising late transport clients, whereas lost items are discounted with 50% of the respect of that particular product. The company releases highly productive artificial intelligence (AI) and machine knowledge replicas that precisely predict client requests within the city, in fact, the company and large deals have quadrupled since the final year. Process models developed by a group of 150 engineers feast crossways two workplaces in Bengaluru can recognize any particularity of a client's shopping design and provide assistance at the correct speech regardless of locality [22]. In one case, the display recognized and alerted the group that no unused clients had been identified from a specific region for a month. After testing, the corporation found that one usual of speech within the region was incorrectly distinguished from another region and immediately disposed of it. The site remains one of the foremost critical aspects of retailing. It may be necessary to identify locations and collect knowledge on each conveyance. The firm needs ideal course mapping so that its trucks cover the most limited imaginable displacement to make as many modes of transport as conceivable [23]. The E-procurement method is the best benefit for the company. So they always follow the E-procurement method. Clustering for transportation creates a parcel of contrasts in terms of facility provision.

Figure 2: E-Commenre Big Basket Grocery Statistics [24]

Once transported to a specific address, BigBasket employment information guarantees that the client never has to call to confirm these delicate elements. The company has also developed a personalised shopping bushel for clients called Shroud Bushel based on AI at standard intervals. The company notes that nearly 90% of the customer's last orders have so far completed a portion of the Savvy Bushel, enabling these clients to spend less time on their most frequently ordered items [27]. This also makes a difference to the company, as clients spend more time finding unused items, which increases the difference usually in terms of respect. When BigBusket started its Online Basic Supply Conveyance Commerce. It is important to select the right innovation stack in accordance with the requirements of the app. They can enlist an experienced grocery delivery app improvement company to help them select the leading conceivable technology stack. In order to consistently deliver more than 10000 orders per day, the right innovation stack is fundamental. BigBasket's web servers are powered by Nginx [25]. The company is hosted by AWS, although in the early days, it was hosted on Linux. When the site was relaunched in 2011, it was built in Python, an innovation that, while slower than other server innovations like Java, is deeply customizable. The company used NodeJS and AngularJS, while Solr fueled the look of utility. For caching, BigBasket worked with Memcached and inevitably moved to AeroSpike. The company first used RabbitMQ as their backend server and Kafka in the long run. In the long run between the introductory two, BigBasket was heavily focused on the backend, which may not be optimal from an innovation perspective, but is fundamental from a preparation perspective [26]. The prospective company recognizes that everything from the business person to the backend joining the collection centre should be virtually efficient.

CONCLUSION

This case study is the E-procurement method that is being discussed. Then the impact is the E-procurement method in the BigBusket business growth. This assignment's first point is to be the e-procurement and the BigBusket introduction. That's the company background that will be provided. Then the main things of how to e-procurement grow the company. This is the review part of the article this part all methods in e-procurement that are totally described. This part is the most important part of the company. Then the next part will be the Materials and method which is the collection method of any assignment. Because this part is to describe how to process mentioned in this study which is the collect all data and information about the e-procurement method. This study was all data is being collected in this method. Many methods and models apply in this case study thats colleted the all information about E-procument. Then the next part is to be the impact of the e-procurements in the BigBasket. This part is to be the e-procurements method apply and the impacts of the growth in the BigBusket business. That is totally described in this part. This main thighs of the BigBasket in the market to grow so much.

REFERENCE

[1]   .pdf

[2]   Aboelazm, K.S., 2022. E-procurement in the international experience: an approach to reduce corruption in administrative contracts in Egypt. *International Journal of Procurement Management*, *15*(3), pp.340-364. Available at: https://www.researchgate.net/profile/Karem-Aboelazm/publi cation/359127605_E-procurement_in_the_international_expe rience_an_approach_to_reduce_corruption_in_administrative _contracts_in_Egypt/links/6229628f97401151d20b5862/E-pr

ocurement-in-the-international-experience-an-approach-to-reduce-corruption-in-administrative-contracts-in-Egypt.pdf

[3] Aduwo, E.B., Ibem, E.O., Afolabi, A.O., Oluwnmi, A.O., Tunji-Olayeni, P.F., Ayo-Vaughan, E.A., Uwakonye, U.O. and Oni, A.A., 2020. Exploring anti-corruption capabilities of e-procurement in construction project delivery in Nigeria. *Construction Economics and Building*, *20*(1), pp.56-76. Available at: https://search.informit.org/doi/pdf/10.3316/informit.091972364756927

[4] Belisari, S., Appolloni, A. and Cerruti, C., 2019. Positive and negative impacts of the adoption of e-procurement solutions: The Italian market case. *International Journal of Procurement Management*, *12*(2), pp.219-241. Available at: https://www.researchgate.net/profile/Andrea-Appolloni/publication/332558839_Positive_and_negative_impacts_of_the_adoption_of_e-procurement_solutions_The_Italian_market_case/links/5f37a5aea6fdcccc43c9bd8d/Positive-and-negative-impacts-of-the-adoption-of-e-procurement-solutions-The-Italian-market-case.pdf

[5] Bhaskar, P.P., 2020. A STUDY ON FACTORS AFFECTING CONSUMER LOYALTY TOWARDS E-COMMERCE IN ANDHRA PRADESH. Available at: http://ir.kluniversity.in/xmlui/bitstream/handle/123456789/488/80_recommendation.pdf?sequence=15&isAllowed=y

[6] Bisht, J.S., 2019. *Procurement of fresh supplies in the army* (Doctoral dissertation, IIPA, New Delhi). Available at: http://14.139.53.35/jspui/bitstream/1/5774/1/4403_%20J.S%20Bisht%20Dissertation

[7] Gani, A.B.D. and Fernando, Y., 2021. The cybersecurity governance in changing the security psychology and security posture: insights into e-procurement. *International Journal of Procurement Management*, *14*(3), pp.308-327. Available at: http://155.0.3.194:8080/jspui/bitstream/123456789/942/1/MAYELA%20MVULA.pdf

[8] Gihozo, D., 2020. Adoption of e-procurement in Rwandan Public institutions. Available at: https://www.diva-portal.org/smash/get/diva2:1502019/FULLTEXT01.pdf

[9] Harakan, A., Nur, S.A., Mustari, N. and Dyussenov, M., 2020. Effect of E-Procurement Implementation on the Procurement Accountability of Health Facilities in Bantaeng, Indonesia. Available at: https://www.researchgate.net/profile/Ahmad-Harakan/publication/344952784_Effect_of_E-Procurement_Implementation_on_the_Procurement_Accountability_of_Health_Facilities_in_Bantaeng_Indonesia/links/5f9ad161299bf1b53e4f2702/Effect-of-E-Procurement-Implementation-on-the-Procurement-Accountability-of-Health-Facilities-in-Bantaeng-Indonesia.pdf

[10] Hassan, M., 2021. Implementation of E-Procurement with BIM collaboration in the Construction Industry. Available at: https://www.theseus.fi/bitstream/handle/10024/511733/Mahmoud%20Hassan_s0572543_Master%20thesis_30.07.2021.pdf?sequence=2

[11] Ibrahim, H.W.A.U.A., 2021. Assessing the Impact of E-Procurement on the Performance of Public Sector Organizations: Evidence from Nigeria. Available at: https://d1wqtxts1xzle7.cloudfront.net/86243177/58624-libre.pdf?1653132042=&response-content-disposition=inline%3B+filename%3DAssessing_the_Impact_of_E_Procurement_on.pdf&Expires=1673067621&Signature=WSLithJ-skLCXO6OWXY~ykhvHhrWnOwvnTtqSFvKYuD-ujhScUKR76FHY

HiWKNx9MLLA4tw0wlPT9XAWnVPgW0i9~Zm~oCrfM1DgNGV8rOl7YLmHXzHMXFXGYw7XXhSpx2IL9PEDnt4hb0plR7cwmagsim-lwxs~ycsi1YvR~c6PEClKdbedbUHJNOW-sVUX2g0cM5R9jhLaYN-HwU~JdXUpyF3-lnZnxmFJPGOy2GUvInn3Kyu6JNCJBR06LnGPz8eU3leOqKDZim1yIPY~JobFyZ0YJA4mFfe~ZUaUweRWJG215pXEA5yPHi8QOO36CwCM1YnxoRka5JsLsiTQpg__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

[12] Idrees, M.A., Abbas, M., Ali, S.Q. and Khan, A., 2022. Journal of ISOSS 2022 Vol. 8 (3), 235-250 IMPACT OF E-PROCUREMENT ON PROCUREMENT PRACTICES AND PERFORMANCE EFFICIENCY-A STRUCTURAL EQUATION MODELING APPROACH. *Journal of ISOSS*, *8*(3), pp.235-250. Available at: http://www.joi.isoss.net/wp-content/uploads/2022/11/17-J-ISOSS-8-3-Galley-Proof.pdf

[13] Koggalage, P.D., 2021. Barriers and strategies to Implement e-procurement in the state Pharmaceuticals Corporation (sPC) of sri Lanka. *MEDICAL ADMINISTRATION*, p.63. Available at: https://www.cmasl.lk/wp-content/uploads/2021/12/CMASL_2021_Ver_22.pdf#page=65

[14] Koggalage, P.D., Dassanayake, K.M.D.R. and Kulasuriya, P.K.S.S., 2022. Implementation of e-procurement for pharmaceuticals: perspectives of the staff of the State Pharmaceuticals Corporation of Sri Lanka. *International Journal of Procurement Management*, *15*(1), pp.113-131. Available at: https://www.researchgate.net/profile/Prasanna-Koggalage-2/publication/348082687_Implementation_of_e-procurement_for_pharmaceuticals_Perspectives_of_the_staff_of_the_State_Pharmaceuticals_Corporation_SPC_of_Sri_Lanka/links/607da7d6881fa114b414a91e/Implementation-of-e-procurement-for-pharmaceuticals-Perspectives-of-the-staff-of-the-State-Pharmaceuticals-Corporation-SPC-of-Sri-Lanka.pdf

[15] Kovalchuk, A., Kenny, C. and Snyder, M., 2019. *Examining the Impact of E-procurement in Ukraine* (No. 511). Center for Global Development.Available at: https://www.cgdev.org/sites/default/files/examining-impact-e-procurement-ukraine.pdf

[16] Maagi, B.B., 2020. Practitioners' Perceptions on the Effect of E-Procurement Practices on the Performance of Public Procurement Management Units in Tanzania. Available at: http://dspace.cbe.ac.tz:8080/xmlui/bitstream/handle/123456789/718/THESIS%20MAAGI%20DECEMBER%202020.pdf?sequence=1

[17] Mélon, L., 2020. The impact of e-procurement on institutional quality. *Journal of Public Procurement*. Available at: https://repositori.upf.edu/bitstream/handle/10230/45016/Melon_jpp_impa.pdf?sequence=1&isAllowed=y

[18] MUSTAPHA, I.A. and Saidu, I., 2021. PROSPECTS OF E-PROCUREMENT IMPLEMENTATION IN THE FEDERAL CAPITAL TERRITORY ADMINISTRATION ABUJA, NIGERIA. Available at: http://repository.futminna.edu.ng:8080/jspui/bitstream/123456789/9750/1/CJECM_Vol20_No4_March_2021-3.pdf

[19] Nani, D.A. and Ali, S., 2020. Determinants of Effective E-Procurement System: Empirical Evidence from Indonesian Local Governments. *Jurnal Dinamika Akuntansi Dan Bisnis*, *7*(1), pp.33-50. Available at: https://core.ac.uk/download/pdf/289801223.pdf

[20] Nikolaeva, A. and Ivshin, S., 2020, March. E-procurement in developing the outsourcing of transport services. In *IOP*

Conference Series: Materials Science and Engineering (Vol. 817, No. 1, p. 012028). IOP Publishing. Available at: https://iopscience.iop.org/article/10.1088/1757-899X/817/1/0 12028/pdf

[21] Nurdin, N., 2021. Employing Online and Offline Qualitative Interpretive Case Studies in Understanding E-Procurement Effectiveness. *International Journal of Quantitative and Qualitative Research Methods*, *9*(1), pp.23-41. Available at: https://www.researchgate.net/profile/Nurdin-Nurdin/publicati on/349895616_EMPLOYING_ONLINE_AND_OFFLINE_ QUALITATIVE_INTERPRETIVE_CASE_STUDIES_IN_ UNDERSTANDING_E-PROCUREMENT_EFFECTIVENE SS/links/604640e792851c077f27afdc/EMPLOYING-ONLIN E-AND-OFFLINE-QUALITATIVE-INTERPRETIVE-CAS E-STUDIES-IN-UNDERSTANDING-E-PROCUREMENT-EFFECTIVENESS.pdf

[22] Olayide, K., 2020. Key Issues in E-Procurement: Procurement Implementation and Operation in the Public Sector. *ADEDIPE, Oluwaseyi Ayodele OLADEJI, Ige Olubunmi*, p.211. Available at: https://jabu.edu.ng/wp-content/uploads/2019/08/JABU-Intern ational-Journal-of-Social-and-Management-Sciences-Volum e-7-Number-2.pdf#page=211

[23] Osei-Tutu, E., Kissi, E., Osei-Tutu, S. and Desmond, A., 2019. Evaluating critical factors for the implementation of e-procurement in Ghana. Available at: http://csirspace.csirgh.com/bitstream/handle/123456789/366/ Evaluating%20critical%20factors%20for%20the%20implem entation%20of%20e-procurement%20in%20Ghana.pdf?sequ ence=1&isAllowed=y

[24] Patel, K.G., 2022. Benefits and Challenges of selling on E-Commerce. Available at: http://ir.pdpu.ac.in:8080/xmlui/bitstream/handle/123456789/ 515/20205031_BD%20Report.pdf?sequence=1&isAllowed= y

[25] Perera, S., Nanayakkara, S. and Weerasuriya, T., 2021. Blockchain: The next stage of digital procurement in construction. *Academia Letters*, *2*. Available at: https://www.researchgate.net/profile/Samudaya-Nanayakkara /publication/348291323_Blockchain_The_Next_Stage_of_Di gital_Procurement_in_Construction/links/5ff916a992851c13 fefb3185/Blockchain-The-Next-Stage-of-Digital-Procuremen t-in-Construction.pdf

[26] Shete, P. and Kant, R., 2019. E-Procurement: A Review of Literature. *61st 5th*, p.86. Available at: https://www.researchgate.net/profile/Jainesh-Sarvaiya/public ation/363090219_Full_ICIE_2019_Surat_Proceeding_Book_ Dr_Ravi_Kant/links/630dabe661e4553b954be0fc/Full-ICIE-2019-Surat-Proceeding-Book-Dr-Ravi-Kant.pdf#page=112

[27] Subchan, M., Sugiharto, I. and Khamim, M., 2022, August. Legal Problems in Electronic Procurement of Goods and Services (E-Procurement) by E-Purcashing at The Batang Religious Court. In *Proceedings of the 1st International Conference on Law, Social Science, Economics, and Education, MALAPY 2022, 28 May 2022, Tegal, Indonesia*. Available at: https://eudl.eu/pdf/10.4108/eai.28-5-2022.2320542