**TENDER DATA SCRAPER TO CLICKUP API INEGRATION**

Website Links: <https://mahatenders.gov.in>

https://www.eprocure.gov.in/eprocure/app

Integration App: ClickUp

Brief: Develop a web scraping application that can extract tender data from the predetermined website. The scraped data should be seamlessly integrated and transferred into the ClickUp project management platform.

Key responsibilities for this job include:  
  
- Developing a web scraping application  
- Extracting tender data from specified websites at regular time intervals  
- Transferring the scraped data into ClickUp

Data Update Frequency: Daily

Input Option: Organisation Name

Data points for each tender:

1. Organisation Chain
2. Tender Reference Number
3. Tender ID
4. Form Of Contract
5. No. of Covers
6. Tender Fee in ₹
7. EMD Amount in ₹
8. Title
9. Tender Value in ₹
10. Product Category
11. Bid Opening Place
12. Published Date
13. Bid Opening Date
14. Bid Submission Start Date
15. Bid Submission End Date
16. NIT Document (PDF)
17. Name (Tender Inviting Authority)
18. Address (Tender Inviting Authority)

\*There should be **no duplicate data being uploaded onto clickUp**, only the “new” data should be updated as the previous data will be there already on the ClickUp app and one data point will be there for days and months on the website.

The data points scraped above to be sent into clickUp via API integration as a task.

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| **ClickUp Task Structure** | | |
| **Data Point** | **Field Type** | **Custom Field Type** |
| Organisation Chain | Custom Field | Dropdown |
| Tender Reference Number | Custom Field | Short Text |
| Tender ID | Custom Field | Short Text |
| Form Of Contract | Custom Field | Dropdown |
| No. of Covers | Custom Field | Number |
| Tender Fee in ₹ | Custom Field | Money (₹) |
| EMD Amount in ₹ | Custom Field | Money (₹) |
| Title | Task Name | Task Name |
| Tender Value in ₹ | Custom Field | Money (₹) |
| Product Category | Custom Field | Dropdown |
| Bid Opening Place | Custom Field | Short Text |
| Published Date | Custom Field | Date |
| Bid Opening Date | Custom Field | Date |
| Bid Submission Start Date | Custom Field | Date |
| Bid Submission End Date | Due Date | Due Date |
| NIT Document | Custom Field | Attachment |
| Name | Custom Field | Long Text |
| Address | Custom Field | Long Text |

Once the Task is uploaded into ClickUp the responsibility of the Developed app ends.