



HARYANA ENGINEERING WORKS PORTAL

Empowering
transparency and efficiency
to Engineering works



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"HEWP: An IT solution for monitoring and execution of engineering projects"



Hon'ble Chief Minister Haryana
Sh. Nayab Singh Saini

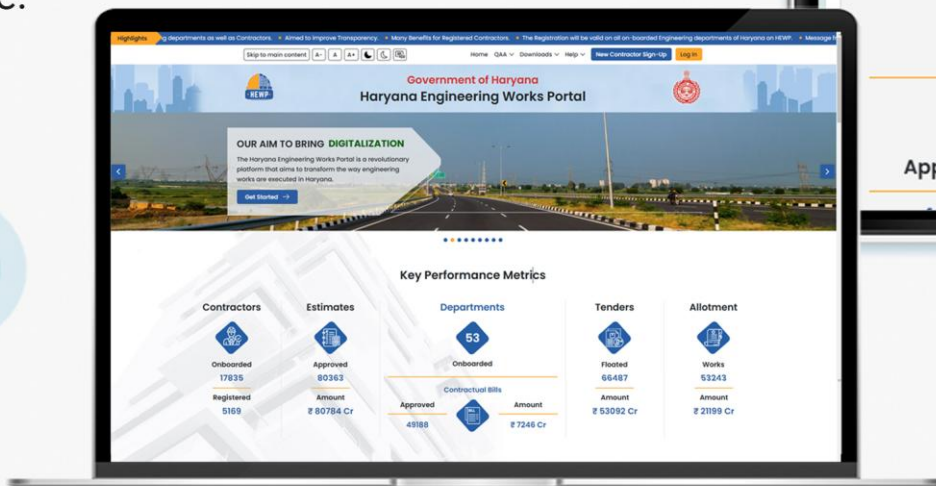
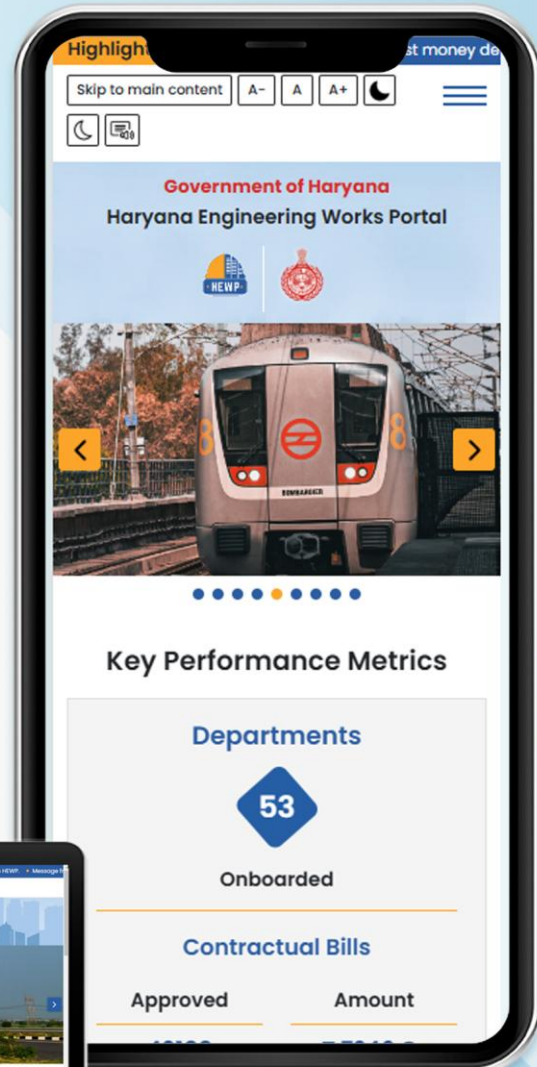


Hon'ble Public Health & PWD Minister
Sh. Ranbir Gangwa

Haryana's Infrastructure Revolution: Led by Visionary **LEADERSHIP**

Haryana Engineering Works Portal brings speed, transparency, and accountability to engineering works.

With the Haryana Engineering Works Portal, we are reimagining the future of infrastructure. This platform ensures timely project delivery, improved public service, and transparent governance.



“Building a Transparent and Efficient Future for Haryana's Engineering Works”

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INTRODUCTION

Haryana Engineering Works Portal is a revolutionary digital platform designed to transform the execution of various engineering works in the Haryana Government. HEWP besides being a standardized IT system and a paperless environment, provides integrated, end-to-end solutions to address the diverse needs of contractors/ Departments/Boards/ Corporations/Stakeholders starting from electronic estimate preparation, administrative approvals, technical sanction, contractor registration, electronic common bid document, e-Tendering, technical evaluation, Detailed Notice Inviting Tender (DNIT), Negotiations & allotment of work, work assessment, e-MB & payment processing to final bill payment of the work.

By centralizing processes online, HEWP eliminates the delays typically caused by information gaps and excessive paperwork, ensuring a streamlined and transparent workflow. Since its inception, the portal has proven instrumental in enabling real-time tracking of tenders and approvals, integrated messaging for communication, and work assessment dashboards. Its core features allow contractors and government departments to collaboratively generate accurate cost estimates before project commencement, minimizing discrepancies between proposed budgets and actual costs.

Above all, HEWP offers a robust payment management system that ensures contractors receive timely, secure payments upon project completion. This system reduces administrative overhead and ensures funds are disbursed according to predefined project milestones, enhancing overall efficiency and accountability.

To empower contractors, government departments, and stakeholders in Haryana with a digital platform that fosters the speedy, transparent, and accountable execution of engineering works. The platform aims to drive operational efficiency, minimize delays, and ensure the effective utilization of resources in successfully delivering engineering projects across the state.



MISSION

“TRANSFORMING INFRASTRUCTURE THROUGH DIGITIZATION”

3

1

To provide a comprehensive and integrated digital infrastructure that streamlines the execution of engineering projects, enabling seamless communication, real-time tracking, and collaboration among contractors, government officials, and other stakeholders.



2

To develop a robust, user-friendly platform that incorporates advanced technologies for accurate project planning, cost estimation, and budget management, ensuring optimal execution of all stages of the engineering project lifecycle.



3

To ensure transparency in tender management, work assessments, administrative approvals, and payments, reducing the risk of discrepancies or delays.



4

To build for contractors and government departments a reliable, paperless environment that eliminates traditional bottlenecks associated with paperwork, manual processes, and information silos, ensuring timely execution of projects.



5

To make project monitoring and payment processing more efficient by offering a secure, real-time, and transparent mechanism for disbursing funds according to project milestones and contractual agreements.



6

To develop continuous improvements in the platform's functionality based on feedback from users, ensuring that HEWP remains adaptable, scalable, and aligned with the evolving needs of Haryana's engineering and public works landscape.



Journey so far

JANUARY 20, 2021

ANNOUNCEMENT BY HON'BLE CHIEF MINISTER

On January 20, 2021, the Hon'ble Chief Minister of Haryana officially announced the launch of the Haryana Engineering Works Portal (HEWP), marking the beginning of a new era in the state's infrastructure management. The initiative aimed to digitize engineering works, enhance transparency, and improve project efficiency.

MAY 04, 2021

INTRODUCTION OF NEW HSR

The Haryana Schedule of Rates (HSR) 2021 was released on 04.05.2021 and updated from the outdated 1988 HSR to the new HSR 2021, addressing the need for alignment with current market rates and modern construction practices. This update was a crucial step in improving infrastructure management and ensuring more accurate costing.

MAY 24, 2021

LAUNCH OF CONTRACTOR REGISTRATION MODULE

On May 24, 2021, the Contractor's Registration Module was launched, allowing contractors to register digitally for government projects. This module streamlined the registration process, helped verify contractor credentials, and created a comprehensive database of qualified vendors. Additionally, an Earnest Money Deposit (EMD) benefit was introduced, further simplifying the bidding process by reducing financial barriers for contractors.

FEBRUARY 10, 2022

OFFICIAL LAUNCH OF HEWP FOR DEPARTMENT OFFICIALS

After successfully implementing the contractor registration module, HEWP was officially launched on February 10, 2022, marking a significant milestone in the digitalization of departmental processes. The launch made the platform accessible to department officials, introducing key modules such as e-Estimate, DNIT (Detailed Notice Inviting Tender), e-Tendering, Work Allotment and Payments, all of which facilitate efficient project management and financial operations.

POST-FEBRUARY 2022

DEVELOPMENT OF KEY MODULES

Following the portal's launch, several critical modules (E-billing, Time extension, Variation Statement, Bid Validity etc.) were developed and implemented to automate various processes in project execution, reduce manual errors, and improve efficiency in project management. These modules enhanced the overall functionality of the portal and supported smoother execution of infrastructure projects.

FUTURE GOALS

COMING SOON...

Several exciting enhancements are in progress to further improve the HEWP system. Notably, a ChatBot is being developed to provide real-time assistance and support to users, enhancing user experience and operational efficiency. Additionally, multiple new Modules (Milestone-based system and process for contractor actions, Procedure to appeal for contractors), Dashboards (Dashboards of Contract Agreement and Dashboard of Project) are under development to streamline workflows & improve data accuracy.

KEY ACHIEVEMENTS

4

4.2

DEPARTMENTS ONBOARDED

53

"Key Performance Metrics ensure streamlined operations, transparency, and effective project monitoring across participating departments."

"Empowering Progress:
Simplifying Registration and Onboarding for Contractors on HEWP."

Onboarded

18141

Registered

5325



CONTRACTORS

COST ESTIMATES



Approved

81766

Amount

₹ 81545 cr.

"Driving Efficiency: Accelerating Estimate Approvals and Tracking Project Funds Seamlessly."

"Transparency in Action:
Streamlining Tender Processes and Tracking Allocated Amounts."

Floated

67869

Amount

₹ 53777 cr.



TENDERS

ALLOTMENT



Works

55177

Amount

₹ 21938 cr.

"Enabling Progress: Efficiently Managing Work Allotments and Budget Allocations."

"Streamlining Contractual Bill Processing: Ensuring Accuracy, Transparency, and Timely Payments on HEWP."

Approved

51921

Amount

₹ 7591 cr.



CONTRACTUAL BILLS

Data as on 08 Jan, 2025

The figures are based on the present date and time and may change. For the latest updates, visit <https://works.haryana.gov.in/>

STAKEHOLDER DEPARTMENTS

GOVERNMENT ORGANIZATIONS ON-BOARDED

4

4.3

CORPORATIONS

Haryana State Industrial & Infrastructure Development Corporation	Haryana Police Housing Corporation Limited	Faridabad Smart City	Haryana Tourism Corporation Limited	Faridabad City Transport Services Limited
Haryana State Warehousing Corporation	Municipal Corporation/Urban Local Bodies	Haryana State Roads & Bridges Development Corporations	Haryana Power Generation Corporation Limited	

DEVELOPEMENT AUTHORITIES

Panchkula Metropolitan Development Authority	Micro Irrigation & Command Area Development Authority	Faridabad Metropolitan Development Authority	Gurugram Metropolitan Development Authority	Sonapat Metropolitan Development Authority
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FEDERATION

Haryana State Co-operative Labour & Construction Federation Ltd.	Haryana State Co-operative Supply & Marketing Federation Ltd.	Haryana Irrigation Research & Management Insititue
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INSITUTION

DEPARTMENTS



UNIVERSITIES

YMCA Technical University	Guru Jambheshwar University of Science & Technology	Maharana Pratap Horticulture University karnal	kurukshetra University, kurukshetra	Haryana School Shiksha Pariyojna Parishad
Chaudhary Devi Lal University	Bhagat Phool Singh Mahila Vishwa Vidyalaya, Khanpur Kalan Sonipat	Maharana Dayanand University Rohtak	Lala Lajpat Rai University (LUVAS), Hisar	Indira Gandhi University, Meerpur Rewari
Chaudhary Bansi Lal University	Chaudhary Ranbir Singh University Jind	Pandit Lakhmi Chand State University of Performing & Visual Arts, Sirsa	Deenbandhu Chhotu Ram University of Science and Technology	Shree Vishwa Karma Skill University
Chaudhary Charan Singh Haryana Agricultural University				

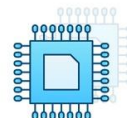
BOARDS

Dakshin Haryana Bijli Vitrain Nigam Ltd.	Haryana Rural Development Fund administration Board	Haryana State Agriculture Marketing Board, Panchkula	Haryana Vidyut Prasaran Nigam Ltd.	Housing Board Haryana
Uttar Haryana Vidyut Prasaran Nigam Ltd.	Shree Mata Mansa Devi Shrine Board Panchkula			

SALIENT FEATURES OF HEWP

5

- 01.** — **ONLINE REGISTRATION OF CONTRACTORS**
Simplifies and secures contractor registration, ensuring compliance and centralizing information for efficient management. In addition, it provides EMD exemption to registered contractors with a performance score above 70%.
- 02.** — **TRACKING OF CONTRACTOR PERFORMANCE**
Provides real-time monitoring of contractor performance, offering insights into project progress, quality, and adherence to timelines.
- 03.** — **PREPARATION OF E-ESTIMATE & DNIT**
Streamlines the creation of electronic estimates and Detailed Notice Inviting Tenders (DNIT), enhancing accuracy and reducing planning delays.
- 04.** — **ONLINE INTEGRATION WITH NIC E-TENDERING**
Integrates with NIC e-tendering for a seamless and transparent tendering process.
- 05.** — **ONLINE IT-BASED TECHNICAL EVALUATION**
Implements an online system for fair, consistent, and transparent technical evaluations.
- 06.** — **PROVISION OF SUBMITTING OBJECTIONS ON TECHNICAL EVALUATION**
Allows contractors to submit objections on technical evaluations for a fair decision-making process.
- 07.** — **ONLINE RECEIPT OF FINANCIAL BIDS**
Ensures secure online receipt and management of financial bids for transparency in procurement.
- 08.** — **ONLINE ALLOTMENT OF WORK CONTRACTS**
Facilitates the online allocation of work contracts, reducing manual processes.
- 09.** — **E-MEASUREMENT BOOK**
Contractors enter measurements first, ensuring accurate documentation and transparency in work completion.
- 10.** — **APPROVAL OF CONTRACTOR BILLS**
Streamlines and ensures transparent approval of contractor bills for timely payments.
- 11.** — **INTEGRATION WITH STATE TREASURY FOR ONLINE PAYMENTS**
Allows seamless online payments through integration with the State Treasury.
- 12.** — **ASSESSMENT OF CONTRACTOR'S WORK PERFORMANCE**
Provides dashboards to assess contractor performance, ensuring quality and timely project completion.



a**ABSENCE OF A STATE-WIDE ONLINE PROJECT MONITORING SYSTEM**

The absence of a unified, state-wide online system to monitor the progress of engineering projects against established timelines was a significant challenge in project management. Without a centralized system, each department or contractor had to rely on its manual or localized methods of tracking progress, leading to inconsistencies, inefficiencies, and difficulty in comparing or consolidating data across different projects.

b**INEFFICIENT PAYMENT PROCESSING FOR CONTRACTORS**

The absence of a robust system to safeguard contractors against delayed payments was another major challenge in the execution of engineering works. Contractors often faced long delays in receiving payments for completed work, disrupting their cash flow and financial stability. Without a centralized and transparent system to track and ensure timely payments, contractors were left vulnerable to bureaucratic inefficiencies and procedural holdups. This lack of payment security not only strained relationships between contractors and government departments but also discouraged the timely execution of projects.

c**INADEQUATE PERFORMANCE MONITORING FOR CONTRACTORS**

The lack of a state-wide online system to monitor contractor performance led to inefficient tracking and accountability in projects. Without a centralized platform, assessing contractor quality, progress, and adherence to timelines became challenging, often relying on manual or isolated methods. This resulted in delayed projects, substandard work, and a lack of transparency in performance evaluation.

d**LACK OF ACCOUNTABILITY SYSTEM FOR ENGINEERING STAFF**

The absence of an online system to track the incumbency of engineering staff created challenges in holding individuals accountable for project delays or quality issues. Without a centralized system, it was quite difficult to assign responsibility for delays or poor construction quality, as there was no clear record of which staff were overseeing specific projects at any given time. This lack of accountability led to inefficiencies, delays in addressing issues, and diminished oversight, impacting the overall quality and timely completion of engineering works.

CHALLENGES FACED IN EXECUTION OF HEWP

Prior to the Implementation of HEWP

e LACK OF COMMON BID DOCUMENTS, CONTRACTOR REGISTRATION RULES, STATE-WIDE END-TO-END PORTAL, DIGITIZED HSR RATES



The absence of a standardized Common Bid Document and contractor Registration Rules, along with outdated HSR (Haryana Schedule of Rates), posed major challenges in project execution. The lack of unified bid documents and registration procedures led to inconsistencies and confusion during the bidding process. Furthermore, the use of outdated HSR rates resulted in inaccurate cost estimations, contributing to delays and cost overruns in infrastructure projects. Without a centralized platform, project execution and management were fragmented, leading to inefficiencies across the board.

f EARNEST MONEY DEPOSIT FOR WELL-PERFORMING CONTRACTORS



The absence of an Earnest Money Deposit (EMD) for well-performing contractors created a lack of incentive for maintaining high-quality work and meeting project deadlines. Without an EMD system, contractors had no financial commitment to ensure their performance, which could lead to complacency or subpar execution.

g ABSENCE OF A TRANSPARENT ONLINE SYSTEM FOR TECHNICAL EVALUATION OF SUBMITTED TENDERS



The absence of an online system for the technical evaluation of submitted tenders led to inefficiencies, lack of accountability, and potential biases in the procurement process. This lack of transparency fostered mistrust among bidders and stakeholders, as there was no visible audit trail to track how decisions were made. Furthermore, manual evaluations were more prone to human error and caused delays, especially in high-pressure projects where quick decisions were crucial.

h ONLINE SUBMISSION OF WORK BILLS



In the absence of HEWP, junior engineers are responsible for preparing work bills, except for OHSR and other major projects. This reliance on junior engineers has led to several challenges, including complaints about delayed bill submissions, allegations of bribery for bill processing, and the omission of certain items in the bills. These issues have resulted in frustration among contractors, causing delays in work and inefficient management of bills.

6.2.1. Real-Time Progress Monitoring Dashboards

To address the challenges of project progress, HEWP introduced Real-Time Progress Monitoring Dashboards. These dashboards provide dynamic, real-time visibility into the status of engineering projects, allowing department officials, contractors, and other stakeholders to track progress against set timelines efficiently. This solution ensures enhanced transparency and better management of project schedules. Currently, three key dashboards are live on the portal, with additional dashboards under development to further strengthen project oversight.



A. CONTRACTOR REGISTRATION DASHBOARD

The Contractor Dashboard is designed to provide departmental officials with a real-time, comprehensive view of contractor-related activities. It allows officials to track essential details such as District Name, Office Name, Contractor ID status, and the progress of the registration process—whether initiated, pending, or completed. The dashboard also provides updates on registration status across departments like B&R, Irrigation, and PHED, along with approval and deposit payment information. This tool ensures transparency by allowing officials to monitor application statuses, including those approved within time limits or pending for scoring. Additionally, it helps manage pending applications across divisions, minimizing delays and offers insights into Department Name, Nodal Officer contact details, total works posted by contractors, scores awarded, and work progress, ensuring efficient oversight and decision-making throughout the project lifecycle. Officials can access these insights through three specialized dashboards: District-wise, Registration-wise, and Registration Status, each providing detailed, organized data for enhanced monitoring and management.

Contractor Dashboard

[Districtwise](#)
[Registration Status](#)
[Works](#)

i DISTRICT WISE

Shows district-wise progress of registration applications and performance data, allowing officials and contractors to track key details such as District Name, Contractor ID creation status, and the progress of registration stages (e.g., registration initiated, applications received in B&R, Irrigation, PHED, approval by the competent authority, and completion with deposit payment) for the selected financial year.

ii REGISTRATION STATUS

Provides the ability to search for registration application with complete detail of contractors based on key identifiers such as Contractor ID, Mobile Number, PAN Number, Treasury Code, and Firm Name. This feature also enables the tracking of application statuses, including received, approved, pending, and delayed, with the option to filter by contractor class, report type, work score, etc.

iii WORKS

Provides detailed information on the status of engineering works assigned to each contractor, in respect to the selected office, along with the current status of ongoing tasks. The feature also allows for easy data export in Excel and PDF formats.



B. ESTIMATE DASHBOARD

The Estimate Dashboard, accessible through the official login, provides a comprehensive view of the estimate status for various departments, boards, and corporations. It allows officials to track the progress of estimates by department or nodal officer, including the current stage, such as whether the estimate is under preparation or pending at specific levels (EE, SE, or HO). Additionally, the dashboard offers details on finalized estimates, including complete technical sanctions and administrative approvals. It enables officials to monitor module-wise progress across key modules, such as e-Estimates, DNIT, e-Tendering, Work Allotment, e-MB & Billing, and Payments. The dashboard also facilitates the tracking of tender details, including whether tenders have been floated, allotted, technically sanctioned, or remain unsanctioned, along with information on relevant packages. Status tracking is streamlined through three internal dashboards, enabling efficient monitoring and management of the entire process.

Estimate Dashboard

Estimate Status

Module-Wise

Tender In Process

i ESTIMATE STATUS

Displays the current status of estimates for Departments, Boards, and Corporations, indicating whether they are under preparation, pending approval at the levels of EE/SE/HO, sanctioned, or administratively approved. This feature ensures timely updates and provides clarity on the approval process for project costs.

ii MODULE-WISE

Showcases the module-wise progress of Departments, Boards, and Corporations, with the option to filter by financial year and work type (capital or maintenance). This feature provides detailed visibility into capital works entries across specific modules, enabling easier tracking of e-Estimate, DNIT, e-Tendering, Work Allotment, e-MB & Billing, and Payments.

iii TENDER IN PROCESS

Provides real-time information on capital works entries across the Estimate, DNIT, Tender, and Allotment modules by selecting specific filters such as department, work type, work category, and report type. This feature helps stakeholders stay informed on ongoing tenders, status of calling & approved tenders, enabling efficient management and timely decision-making.



C. BILLING DASHBOARD

The Billing Dashboard is designed to provide real-time insights into the status of contractor work-bills, promoting transparency and enabling efficient financial management throughout the project lifecycle. Accessible via the XEN login, the dashboard allows officials to track the progress of work bills submitted by contractors, categorized by Allotment No., Tender No., DNIT No., financial year, department, Junior Engineer, Division, and Estimated Rates (excluding and including GST). The XEN can access detailed billing information, including the number of bills approved, the duration of pending bills, the proportion of bills approved within limits, and those that are delayed or under stay. It also provides visibility into which division is handling specific bills and the responsible official (JE/SDE/EE). By centralizing billing data, the dashboard enhances decision-making, streamlines the approval process, and ultimately improves project efficiency.

Status of Contractor Work-Bill

Search By :-

☒ Allotment No. ☐ Tender No. ☐ DNIT No.

Enter Allotment No.

Search Q

Reset Search

Financial Year: ALL

Department : Public Health Engg. Dept.

Division : ALL

Junior Engineer: ALL

Estimated Rates ☒ Without GST ☐ With GST

Report Type ☒ Division wise

Rank	Division Name	Received	Passed						Pending for processing with					Delay in Processing Bill			
			Within Time Limit (21 days)		Out of Time Limit		Total		JE	SDE	EE	SE or Above/ Pre Audit	Total	< 15 Days	Between 15 to 30 Days	> 30 days	Total
			Nos	%	Nos	%	Nos	%									



D. MAIN DASHBOARD

In addition to the specialized dashboards, HEWP features a central Main Dashboard, which is the first screen both officials and contractors see upon logging into the portal. This dashboard provides a comprehensive overview of all pending tasks across various modules such as Rough Estimate, Detailed Estimate, Revised Detailed Estimate, Maintenance/Special Estimate, DNIT, Allotment, Bills, GST Reimbursement Bills, Time Extensions, Variation Statements, and Security Releases. By consolidating all outstanding tasks in one place, the main dashboard ensures users can easily track and manage their pending activities, improving workflow efficiency and minimizing delays.

Pending Files On Your Login

Pending Works for Score 0 View Details	Rough Estimate 138 View Details	Detailed Estimate 6 View Details	Rev. Detailed Est. 7 View Details
Mtc./Special Est. 6 View Details	DNIT 13 View Details	Allotment 0 View Details	Bills 0 View Details
GST Reimbursement Bills 0 View Details	Time Extension 0 View Details	Variation Statement 0 View Details	Security Release 0 View Details

6.2.2. Unified Common Bid Document and Standardization

The Unified Common Bid Document and Standardization process has undergone several improvements to address key challenges in the bidding system. Previously, bid capacity calculations were handled manually, which led to errors and inconsistencies. The updated system now automatically calculates bid capacity

improving accuracy and reducing the risk of errors. Additionally, executive engineers now have the option to upload their own work details if the system's bid capacity calculation does not meet the required standards, allowing them to manually submit their bid capacity data when necessary.

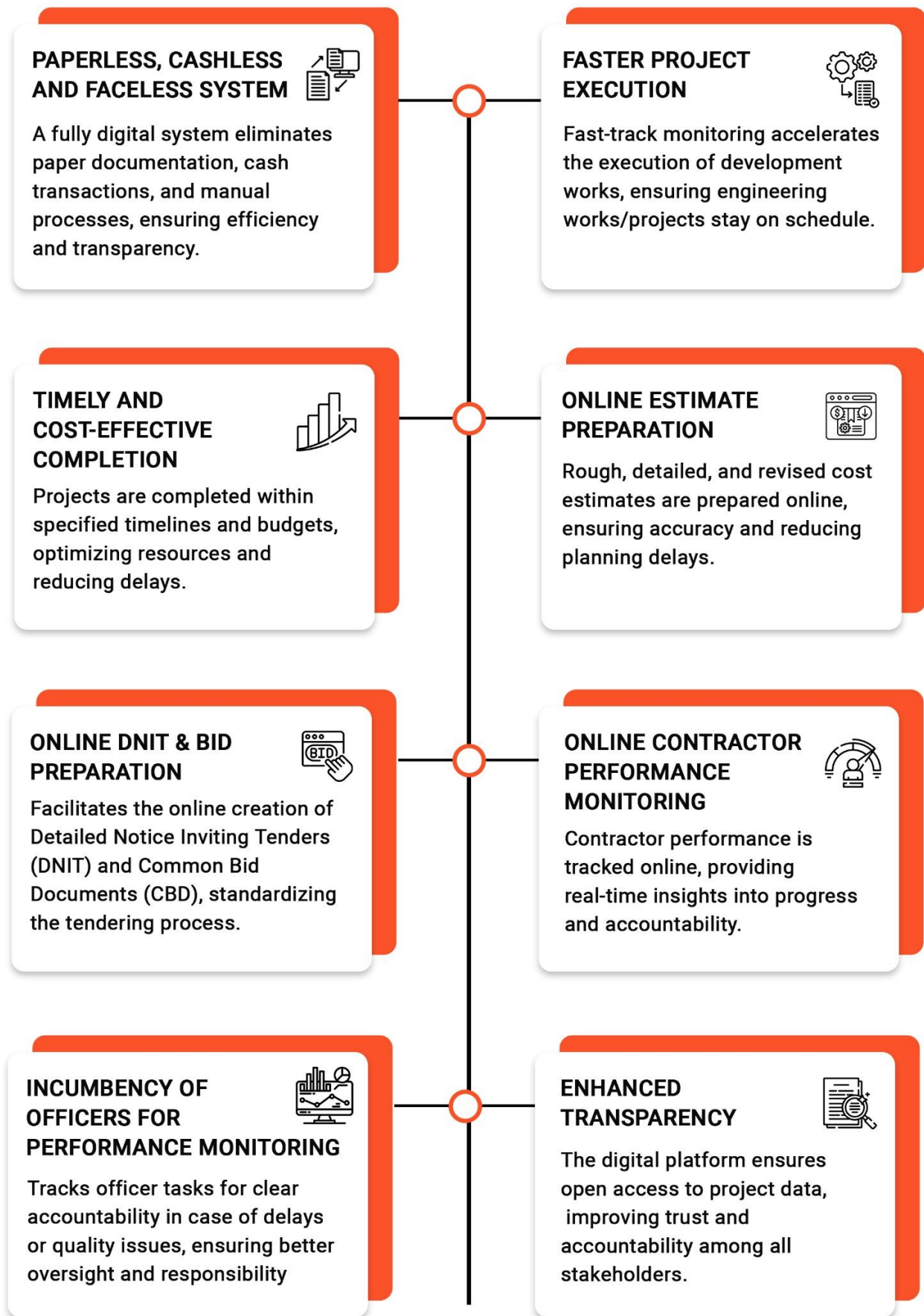
However, there are still areas that require further attention. For example, contractors that were previously over-allocated continued to be assigned, leading to inefficiencies. Additionally, ongoing work was not consistently reflected in the system, though this issue has now been addressed. The Executive Engineer (XEN) can now verify the data, ensuring that only eligible contractors are allocated. Moreover, contractors with a positive bid capacity are eligible to participate in additional contracts or tenders. By addressing these issues, the process has been streamlined, resulting in enhanced accuracy, transparency, and overall efficiency in the bidding procedure.

6.2.3. Automated Payment System

In the absence of HEWP, there were no footprints of electronic records pertaining to measurement books and bills. Each and every department was following its own system of arrangement. With HEWP, a common platform has been provided for the department users as well as for the contractors to record their measurement book electronically and based upon approval of their e-MB, their payment for execution of work is being done. The contractor has to initiate an e-MB/bill on HEWP along with supporting documents for further verification and approval of records for releasing payments through banks or the treasury.

6.2.4. Empowerment for submission of work bills

To address the challenges associated with the manual submission of work bills, HEWP has implemented an online system for contractors to directly submit their work bills. This system eliminates the dependency on junior engineers, ensuring timely and accurate bill submissions. By automating the process, it reduces the risk of errors, omissions, and delays, while promoting transparency and accountability. Additionally, the online platform minimizes opportunities for corruption and improves the overall efficiency in bill management, ultimately reducing frustration among contractors and preventing work delays.



RANDOM SELECTION OF TECHNICAL EVALUATION COMMITTEE MEMBERS



Ensures fairness and transparency by randomly selecting committee members for bid evaluations, reducing biases in the process.

EMD EXEMPTION FOR QUALIFIED CONTRACTORS



Registered and qualified contractors are eligible for exemption from Earnest Money Deposit (EMD), reducing financial burden.

EASE OF DOING BUSINESS (EODB)



Simplifies processes for contractors, streamlining operations and making it easier to engage in government projects.

TIMELY PAYMENTS



Ensures contractors receive payments on time, improving cash flow and financial stability.

ONLINE SUBMISSION OF WORK BILLS



Contractors can submit work bills online, replacing manual submission, and improving efficiency in billing processes.

RANKING BASED ON PERFORMANCE



Contractors are ranked based on their performance, promoting healthy competition and rewarding quality work.



9.1 CONTRACTOR ACCESS AREA

The Contractor Access Areas system streamlines the process for contractors from registration to project completion. Contractors begin by creating a login account, applying for registration, and paying the required online fees, along with a one-time deposit based on their class. Upon successful registration and verification, they gain access to available tenders, which they can apply for. Once awarded a contract, contractors can track the progress of their work offline and submit bills with detailed measurements. The system ensures transparency and efficiency at every stage, from registration and tender participation to contract management and bill processing.



Refer to the flowchart for a detailed understanding of how the Contractor Access Area functions.



9.2 DEPARTMENTAL ACCESS AREA

The Departmental Access Area provides a centralized platform for department officials to manage various aspects of the project lifecycle. Officials begin by logging into the system to access critical features, including Bill of Quantities (BOQ) items, e-Estimates, and the preparation of e-DNIT. The system integrates with NIC and e-tendering platforms, allowing for seamless tendering processes. Using various modules, officials can conduct technical evaluations of bids, verify and accept bills, and ensure the proper passing of payments, including detailed measurement book (MB) verification. This unified system ensures streamlined project management, financial oversight, and support compliance at every step of the contracting process.



Refer to the flowchart for a detailed understanding of how the Departmental Access Area functions.



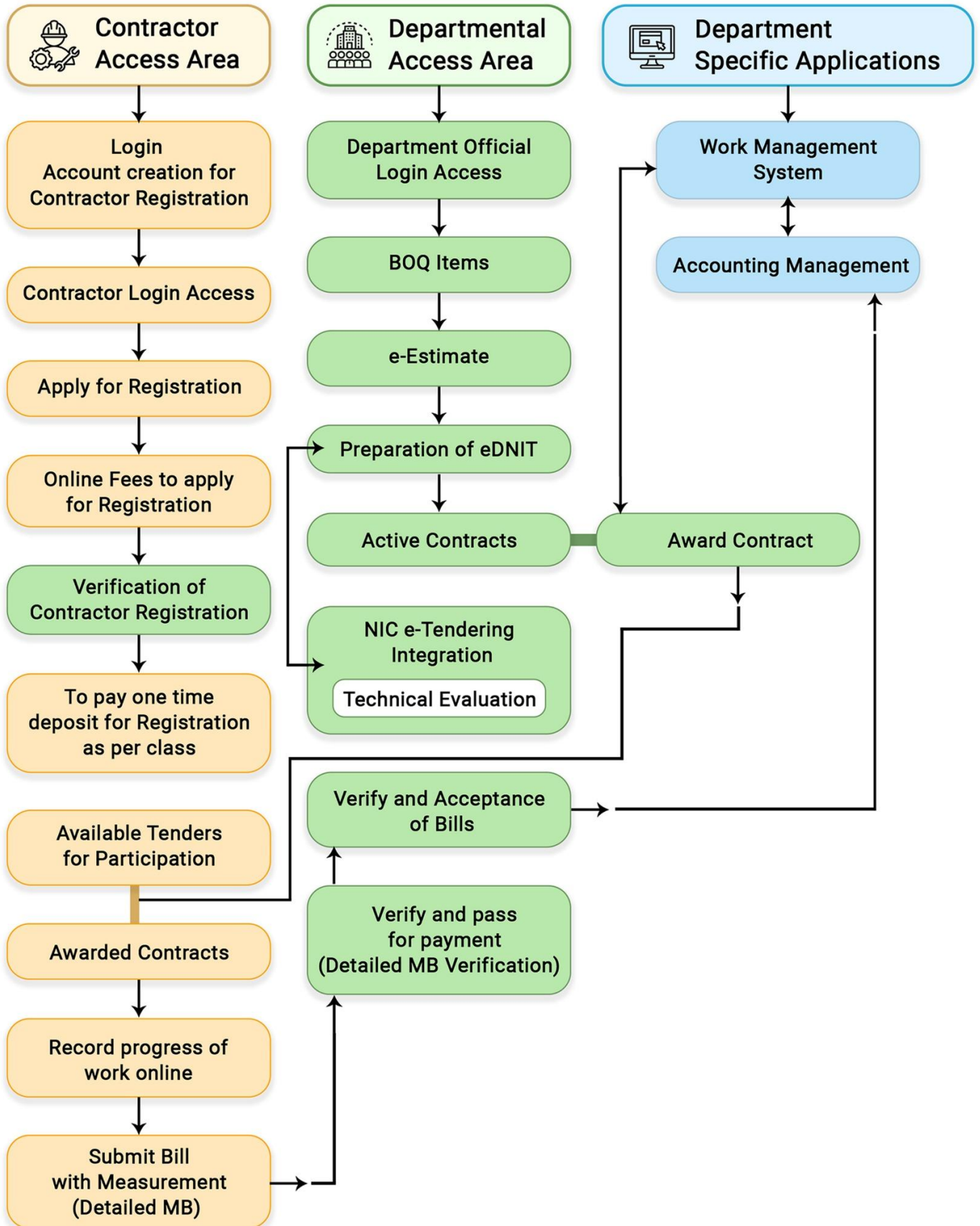
9.3 DEPARTMENTAL SPECIFIC APPLICATIONS

The Departmental Specific Applications system offers specialized tools to manage various operational aspects of a project within individual departments. It includes a work management system that allows officials to efficiently assign and track project tasks. The accounting management module ensures precise tracking of project expenditures, supporting robust financial oversight. The award contracts feature streamlines the allocation of projects to qualified contractors, while the bill verification and acceptance process enables officials to review and validate submitted bills, ensuring compliance with project standards.



Refer to the flowchart for a detailed overview of how the Departmental Specific Applications operate

WORK FLOW CHART





10.1 MODULES FOR CONTRACTOR

i CONTRACTOR REGISTRATION

The Contractor Registration module is designed to simplify and streamline key processes for contractors, offering a range of features to manage their work efficiently. Contractors can register by providing details and uploading required documents, such as licenses and certifications. The module allows contractors to initiate refund requests for refundable deposits, track the status of these requests, and deregister their profiles if necessary. Additionally, contractors can view and monitor the status of submitted applications, download their profile summaries for record-keeping, and securely pay any required refundable deposits. This all-in-one functionality helps enhance efficiency, transparency, and user experience for contractors interacting with the portal.

ii E-TENDER

The E-Tender module allows contractors to view and track tenders they have participated in, as well as access information on live tenders. It provides an organized view of active and ongoing tender opportunities, enabling contractors to stay updated on current and past submissions, ensuring transparency and ease of participation in the tendering process.

iii SUBMISSION OF BILL TO JUNIOR ENGINEER

This module helps contractors to submit bills to the Junior Engineer (JE) for further approval from SDE -> EE. Contractors can raise claim requests for their GST reimbursement, track the status of submitted bills, update Performance Bank Guarantee (PBG) information, and provide consent to initiate or verify variations. Additionally, it also enables contractors to submit the consent for the release of final bill, while offering an agency-wise list of agreements for better contract management and tracking. This streamlined process ensures accountability and enhances the efficiency of billing and contract-related activities.

iv BID VALIDITY EXTENSION

The Bid Validity Extension module enables contractors to accept an extension of the bid validity period when the original validity is approaching expiration, as proposed by the concerned authorities, such as the Executive Engineer (XEN). Contractors are provided with the option to agree to the revised bid validity period, ensuring that their bid remains valid in the event of unforeseen delays or changes to project timelines. Once the relevant authority proposes the extension, contractors can accept the updated validity period, thereby maintaining the relevance of their bid throughout the project's duration.

v TIME EXTENSION

Last but not least, under this module, contractors can submit time extension requests to adjust project timelines, whether by increasing or decreasing the duration. This feature provides flexibility in scheduling, allowing contractors to manage delays or changes in project requirements, ensuring efficient project completion and timely delivery.



i CONTRACTOR REGISTRATION

This module is designed to help officials efficiently manage contractor-related activities. Officials can view registered contractors, award marks to work based on performance, and view received registration applications. It also allows them to manage the registration committee, deactivate the committee when needed, and access an agency-wise list of agreements for better contract tracking. Additionally, officials can view a list of debarred agencies that failed to submit the Performance Bank Guarantee (PBG), ensuring compliance and smooth project execution.

ii E-ESTIMATE

Under this module, officials can manage and approve various project estimates and related activities, including but not limited to revised estimates, rough cost and detailed cost estimates, and work approvals based on these estimates. It also allows them to track the status of deposit work and access the HSR item directory for accurate pricing. Additionally, officials can delete estimates, close unused packages, and create new annual maintenance (MTC), special, flood, or repair estimates as required, ensuring effective budget management and smooth project execution.

iii E-DNIT

Under the e-DNIT module, officials can manage the DNIT (Detailed Notice Inviting Tender) along with GTE parameters and access the GTE template list for creating and organizing tender documentation. This module streamlines the process of preparing and managing tenders, ensuring consistency and efficiency in the tendering process.

iv NS AND HSR MASTER

The NS and HSR Master module allows officials to generate the NS analysis report and manage the HSR master by adding or editing sub-sections, updating premium details, and adding new items, such as bitumen, to the list. This module ensures that the necessary updates and changes to the standard rate and item lists are accurately reflected for project planning and budgeting.

v WORK ALLOTMENT MANAGEMENT SYSTEM

This module streamlines the e-tendering and work allotment processes, allowing officials to manage the allocation of work based on approved tenders. This module also facilitates the evaluation of tenders for technical evaluations, ensuring that the most suitable contractors are selected for each project. It helps ensure transparency, efficiency, and accountability in the allocation of work, from tender submission to final allotment.

vi E-BILLING

The E-Billing module allows officials to manage and process various billing activities, including e-MB (Measurement Book) and the list of agreements. It facilitates the processing of bills for payment, including the creation of variation statements, and the release of security deposits. The module also supports the imposition of penalties on agreements when necessary and handles GST reimbursement bills. Officials can track the status of bills sent to the bank for payment and monitor the status of pending time extension requests, ensuring efficient billing, compliance, and timely payments.



11.1 CYBER SECURITY

i END-TO-END ENCRYPTION

In the HEWP, End-to-End Encryption is implemented to ensure that all data transmitted through the portal remains securely encrypted. This security measure protects sensitive information, such as contractor and government data, including personal details, financial transactions, and tender-related documents, from unauthorized access during transmission. By safeguarding data in transit, this encryption minimizes the risk of exposure to cyber threats or breaches.

ii MULTI-FACTOR AUTHENTICATION

The implementation of Multi-Factor Authentication adds an extra layer of security by requiring users to verify their identity through multiple forms of authentication—such as a password and a one-time passcode (OTP)—before gaining access to the portal. This measure enhances portal security by preventing unauthorized access and ensuring that only authenticated and authorized individuals can perform critical actions, such as submitting tenders or processing financial transactions.

iii ROLE-BASED ACCESS CONTROL

Role-Based Access Control (RBAC) is implemented to limit access to portal functionalities based on the user's role. By assigning specific permissions to different roles (e.g., contractor, official, administrator, super administrator), this security feature ensures that each user only has access to the data and actions relevant to their responsibilities, minimizing the risk of unauthorized actions or data breaches.

iv SECURE TRANSACTIONS

The Secure Transactions feature incorporates advanced encryption protocols and secure payment gateways to protect financial transactions, including payments for bills, deposits, and GST reimbursements. By ensuring that all monetary exchanges are processed securely, this feature safeguards users' financial information and prevents potential fraudulent activities, providing a trusted environment for conducting business on the portal.

v FIREWALL AND ANTI-MALWARE PROTECTION

Firewall and Anti-Malware Protection systems defend the portal against external cyber threats. Firewalls monitor and block unauthorized access, while anti-malware software actively scans and removes any malicious programs that could compromise the integrity of the system. These protective measures ensure the safety and reliability of the portal, preventing potential data breaches and cyberattacks.



11.2 API INTEGRATION

HEWP has been integrated with various platforms to streamline contractor verification, tendering, billing, and employee authorization processes. These integrations ensure that the platform remains secure, efficient, and compliant with government regulations.

(a) HARYANA UDHYAM MEMORANDUM (HUM) ID

To ensure the credibility and legitimacy of contractors, the HEWP leverages integration with the Haryana Udhyaam Memorandum (HUM) ID system. This integration facilitates the verification of MSME-registered contractors, ensuring that only those with a valid HUM ID are eligible to engage in government procurement processes. By confirming contractor legitimacy upfront, it guarantees a more transparent and accountable tendering process for all stakeholders involved.

(b) PARIVAR PEHCHAN PATRA (PPP)

Through its integration with the Parivar Pehchan Patra (PPP) system, the HEWP enables accurate and real-time verification of individual identities, particularly focusing on Haryana residents. This integration ensures that contractors and employees involved in state government projects are registered under the PPP system, meeting the required residency criteria for eligibility. As a result, it strengthens the integrity of the workforce participating in government initiatives.

(c) HRMS

The integration with HRMS serves a critical function in authenticating and authorizing government employees who are participating in tenders through the HEWP. By linking to the HRMS platform, the system ensures that only verified personnel with appropriate clearance can access sensitive data related to tendering, billing, and project management. This integration enhances operational security and ensures compliance with internal authorization protocols, reducing the risk of unauthorized access to project data.

(d) NIC E-BILLING

Through its integration with the Parivar Pehchan Patra (PPP) system, the HEWP enables accurate and real-time verification of individual identities, particularly focusing on Haryana residents. This integration ensures that contractors and employees involved in state government projects are registered under the PPP system, meeting the required residency criteria for eligibility. As a result, it strengthens the integrity of the workforce participating in government initiatives.

(e) NIC E-TENDERING

The HEWP's integration with the NIC e-Tendering system enhances the efficiency of the tendering process by enabling electronic issuance, submission, verification, editing, and publishing of tenders. This integration supports a fully digital and transparent approach to public procurement, promoting fair competition and adherence to established procurement policies. As a result, government departments are able to manage tenders more efficiently, with all processes conducted in a secure, accessible, and accountable manner.

(f) INTEGRATED WITH GSTIN

Incorporating the GSTIN Verification System, the HEWP ensures that contractors comply with Goods and Services Tax (GST) regulations before they are allowed to participate in government contracts. This integration plays a crucial role in preventing non-compliant contractors from engaging in public tenders, thereby maintaining the integrity of the procurement process and ensuring that only tax-compliant entities are involved in government projects.



HAVE QUESTIONS?

Reach out to our dedicated support team for any queries or concerns regarding the HEWP platform. We value your participation in building Haryana's future.

WE'RE COMMITTED TO MAKE YOUR WORK EASIER!

HEWP CUSTOMER CARE



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