

**Haryana Public Works (B&R) Department**

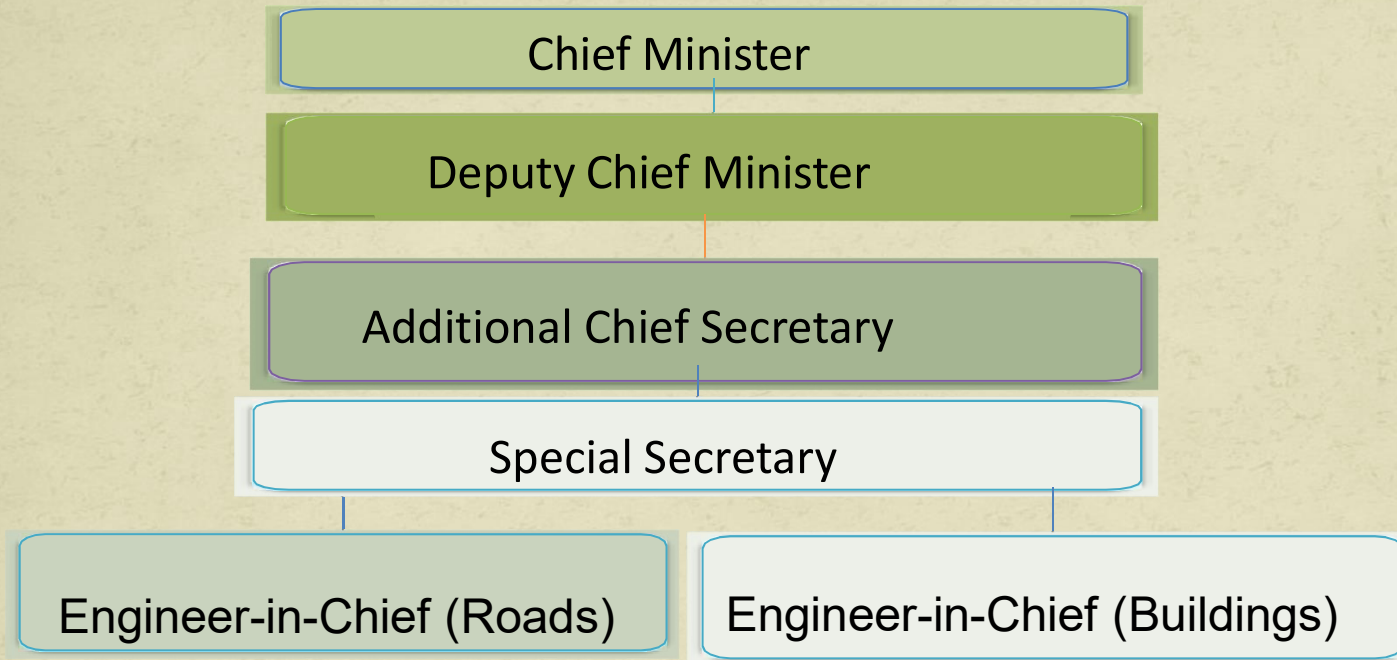
**WELCOMES**

**The Delegates from Govt. of Gujarat**

Public Works Department is the premier agency of Government of Haryana engaged in planning, designing, construction and maintenance of Government assets in the field of built environment and infrastructure development. Assets in built environment include Hospitals, Schools, Colleges, Technical Institutes, Courts etc; assets in infrastructure development include Roads, Bridges, Flyovers, Footpaths etc.

- All the buildings are planned as per the requirements of Haryana Building Code 2018 by the office of Chief Architect, Govt. of Haryana taking cognizance of various other laws like Rights of Persons with Disabilities Act 2016.
- Haryana State falls in Seismic Zone IV and special care is taken to design all the infrastructure compliant to the same.

# Administrative Set Up



# History of Haryana

Haryana came into existence on 1<sup>st</sup> November, 1966. As on date it has 6 administrative divisions, 22 districts, 72 subdivisions, 93 revenue tehsils, 50 sub-tehsils, 140 community development blocks, 154 cities and towns, 7356 villages, and 6222 village Panchayats.



# Road Infrastructure at a glance

## In the year 1966

- National Highway : 759 km
- State Roads : 4341 km
- Total : 5100 km

# Road Infrastructure at a glance

As on 31.09.2022

- National Highway : 330 km (PWD B&R)  
2753 km (NHAI)
- State Highways : 1676 km
- Major District Roads : 1375 km
- Other District Roads : 24910 km
- **Total** : **31044 km**

No. of Expressway (in operation) = 08 nos.

No. of Expressway (under construction) = 05nos.

No. of Expressway (Proposed) = 07 nos

# Road Infrastructure at a glance

## EXPRESSWAYS

No. of Expressway (in operation) = 08 nos.

(NH- 152, NH-152-D, NH-19, NH-48, NH- 48 (extension), NH-44, WPE, KGP)

No. of Expressway (under construction) = 05 nos.

(NH-54(D), WPE-Jewer,

No. of Expressway (Proposed) = 07 nos.



## Road connectivity to Villages

- Villages connected (upto 1966) : 1367 nos.
- Villages connected (upto 2022) : 7356 nos.

100% village connectivity provided to all the villages in Haryana.

## Govt. initiative for extension of Rural Road Network

- During budget announcement in the year 2020-21 Govt. has announced to convert all Kaccha consolidation path of 6 karam with metalled road.
- Total no. of roads to be taken up : 638 nos.
- Total Roads completed till date : 202 nos.
- Balance roads to be completed by 30.09.2023 : 436 nos.

## CONSTRUCTION OF ROBs/RUBs

- Haryana Government has launched a massive programme to eliminate railway level crossings by providing ROB/RUB. This will reduce rate of accidents and will save precious human life and property.
- The State Govt. has signed MOU with Ministry of Railways for construction of ROB/RUB on single entity basis including the Railway portion to expedite the pace and quality of the work.
- Till date, 110 nos. level crossing have been eliminated whereas the work for elimination of 45 nos. level crossing with the construction of ROB/RUB is in progress

## Mass Rapid Connectivity

- For the purpose of improving the pace of transportation of man and material Haryana Govt. has created following corporations :
- Haryana Rail Infrastructure Development Corporation Limited (HRIDC) is a Joint Venture of Government of Haryana (GOH) and Ministry of Railway (MOR) having share of 51% and 49% respectively. HRIDC was incorporated on 22 August 2017 to develop rail infrastructure in the state of Haryana on the principal of cooperative federalism.
- Haryana Orbital Rail Corridor (HORC)

# Buildings Construction Works

- Under EIC (Buildings), Haryana PWD(B&R) undertakes construction and maintenance of its own buildings like offices, PWD Rest Houses, etc.
- It also undertakes construction works of buildings of other departments like Health, Medical Education & Research Department, Higher Education, Secondary Education, Technical Education, Department of Administration, Administration of Justice, Transport, Civil Aviation, Labour Department, Archeological Department etc. under state budget or as a deposit work.

# Award Winning Projects

- PWD (HQ) Building i.e Nirman Sadan at Chandigarh was selected for Indian Building Congress for Excellence in Built Environment Award for year 2009.
- Office Building of Directorate, Panchkula was selected for 11<sup>th</sup> CIDC Vishwakarma Award 2019.
- Judicial Officers Residence in Sector-12 A, Panchkula was selected for 11<sup>th</sup> CIDC Vishwakarma Award 2019.

# Important works of Health Department

- 207 buildings of Health Department have been completed at a cost of Rs.820.00 Crore.
- 83 buildings of Health Department are under construction with an estimated cost of Rs.1270.00 Crore.
- At present 200 bedded State of Art Hospital at Fatehabad, Mother & Child Hospital at Panipat (100 bedded) and Panchkula (200 bedded) are under construction.
- Mother & Child Hospital at Sonipat (100 bedded) & Faridabad (200 bedded) are in pipeline.
- A dedicated T.B. Hospital (100 bedded) is in pipeline.

## Important work of Administration of Justice Department

- 16 buildings have been completed with a cost of Rs.112.96 crores.
- 10 buildings are under construction with an estimated cost of Rs. 180.98 crores.
- Prestigious Tower of Justice having covered area 55059 Sqm. is under construction at Gurugram with an estimated cost of Rs. 131.00 crores



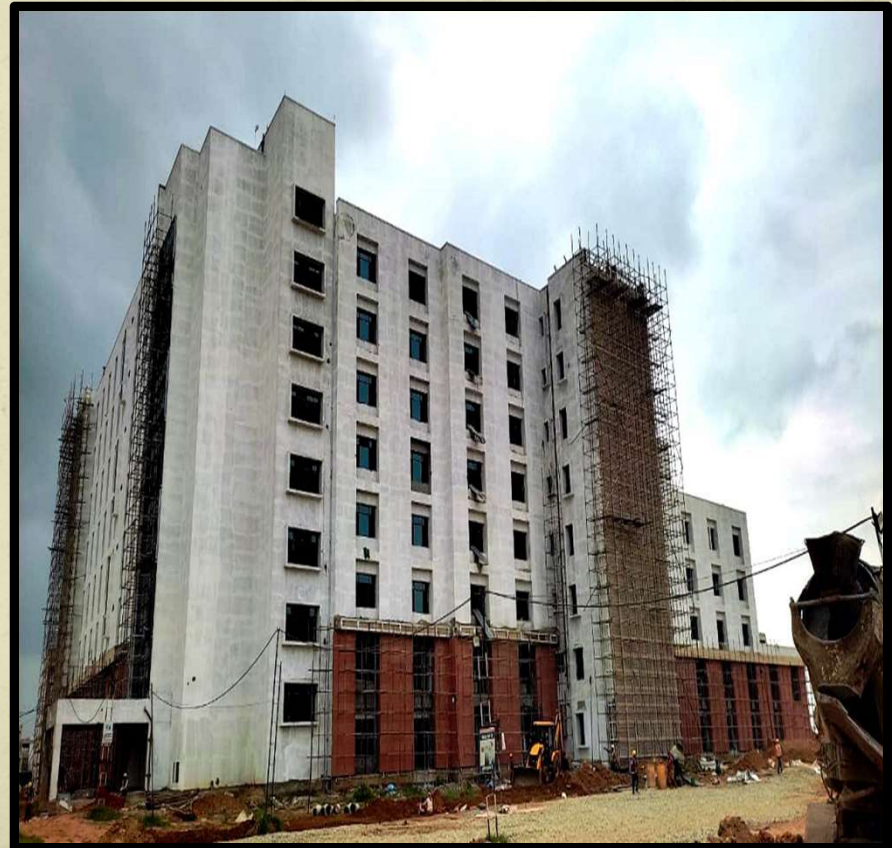
# Tower of Justice at Gurugram



## Important work of Medical Education & Research Department

- Prestigious Government Medical College at village Koriyawas in Rewari District with a cost of Rs. 535.83 Crore and total covered area 193988 sqm.
- Prestigious Government Medical College Jind are under construction with a cost of Rs. 560.00 Crore and total covered area 144994 sqm.

# Govt. Medical College at Koriyawas



# Govt. Medical College at Jind



# Important work of Archeological Department

## RAKHIGARHI MUSEUM CUM INTERPRETATION CENTRE

- ❖ Rakhigarhi is an Indus Valley Civilization site of archeological importance in Hisar District in the state of Haryana.
- ❖ Rakhi Garhi site is spread over 550 hectares (1,400 acres; 5.5 km<sup>2</sup>; 2.1 sq m) area is the largest IVC site in the world, which is about double the size than that of 2nd largest site i.e., Mohenjo Daro.
- ❖ 6,000 years old pre-Harappan IVC site and 5,000 years old human skeletons were found during the excavation.
- ❖ PWD (B&R) is constructing a Museum cum Interpretation Centre. The museum houses a research center along with hostel for researchers, cafeteria and rest house.

# RAKHIGARHI MUSEUM CUM INTERPRETATION CENTRE



## Conservation work of Archeological Department

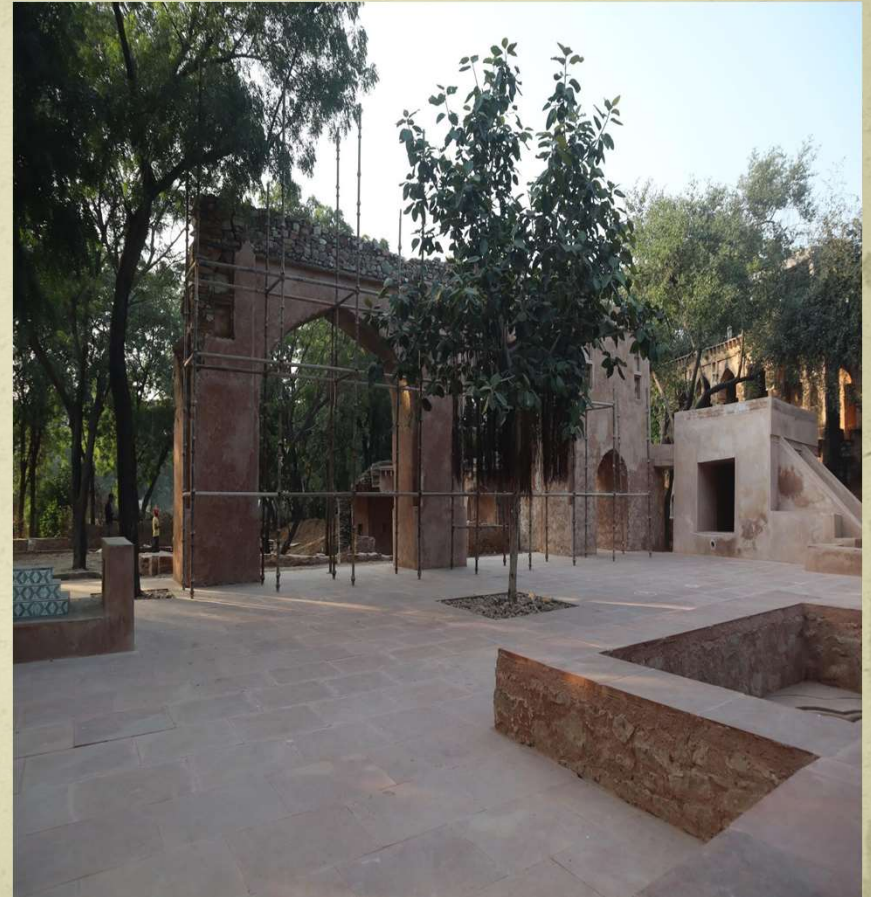
### ❖ State Protected Monument Mirza Alijan's Takhat and Baoli at Narnaul

This bawari (water tank) was built by Mirza Alijan 1556-1605 AD, the Nawab of Narnaul during the reign of Emperor Akbar. It is situated to the north-west of the town of Narnaul. The main structure of the building is in the shape of a huge arched gateway carrying the Takhat with a rectangular pillared Chhatri (kiosk) on its top. The Chhatri has a decorated flap, resting on the eight pillars made of grey stone into rows that open to all sides. Below it there is a balcony with staircases. The Takhat stands on the main arched entrance of the bawari. On the south, the main arched opening is attached with the three storeyed bawari and further a well. The water to the bawari is provided through this well.

Complex Before Conservation



Complex after Conservation work





## Conservation work of Archeological Department

### **State Protected Monument Chhatta Rai Bal Mukund Dass at Narnaul**

- This spacious palace was built by Rai Balmukund Das, the Dewan of Narnaul under the rule of Emperor Shah Jahan (1628-58 AD). It is a five storeyed building having several halls, rooms and pavilions. The liberal use of marble stone for flooring and pillars in the Dewan-e-Khas (the Central courtyard) add uniqueness indicating prosperity of the contemporary Narnaul. The fountains and springs in the underground chambers were provided to keep them cool during summer season.

Before conservation work



After conservation work



## **War Memorial at Ambala Cantt in the Honour of Martyrs of First War of India's Independence in 1857**

- **The first war of Independence in 1857 was originated from Ambala Cantt in Haryana.**
- **During 150<sup>th</sup> anniversary, Hon'ble CM Haryana had announced to construct a memorial in the Martyrs of First War of India's Independence in 1857**
- **War Memorial at Ambala Cantt is being constructed commemorate the Unsung Heroes of First War of India's Independence in 1857.**
- **Estimated cost of the project is Rs. 550.00 Crore.**

# War Memorial at Ambala Cantt in the Honour of Martyrs of First War of India's Independence in 1857



# Transparent Tendering Process and Payments

**28 Engineering Department of Haryana have come on board for implementation of Engineering works in transparent manner through HEW Portal**

**HEW Portal developed for all Civil Engineering Works with following features:**

- Online Registration of Contractors
- Tracking of Contractor's performance.
- Preparation of e-Estimate & DNIT.
- Online Integration with NIC e-tendering.
- Online IT-based Technical Evaluation
- Provision of submitting objections on Technical evaluation.
- Online receipt of Financial Bid from NIC e-Tendering
- Online Allotment of Work Contract.
- e-Measurement Book to be filled in first by contractor.
- Approval of Contractor Bill
- Integration with State Treasury for online payments.
- Assessment of Contractor's Work.

# Benefits of HEW Portal

**Standardized Information Platform** for all departments and Contractors of Haryana.

Aimed to **improve Transparency**

**Paperless, Cashless & Faceless system** for execution of Engineering Works.

**Integrated with Parivar Pehchan Patra (PPP), GSTIN, Haryana Treasury, HRMS, Haryana Udhyam Memorandum (HUM) ID & NIC e-Tendering**

**Ease of Doing Business (EoDB)** for Contractors

**Completion of Works** in a time-bound & Cost-effective manner

**Improve Quality of works** being carried out by Contractors

# Benefits of HEW Portal

After Registration, **Contractors** will be eligible for EMD exemption

**Contractor performance will be monitored online.**

**Contractor will be deregistered** when its performance score goes below 70%.

**Registration** of a contractor shall be done for a period of 5 (Five) years.

**Contractor to receive electronic Allotment letter.**

Instead of JE, **Contractor will submit work bills online.**

**Delay in passing or payment will attract 10% interest** for the contractor – approved by FD

The progress of works against **timelines can be monitored through Dashboards** on Key Performance Indicators.

# Benefits of HEW Portal

**Incumbency will be maintained** to monitor the performance of each official/officer.

**Universal Non-Schedule (NS) directory for all departments**, which will help each department to know the latest market rate of each NS item. Standard specifications can be used in all departments.

**Rough Cost Estimates, Detailed Estimates, Revised Estimates** will be submitted online.

**Administrative Approval** to be accorded online.

**Common Bid Document (CBD)** for all Tenders.

**DNIT Items** to be integrated with Technical Sanction.

**Random selection of Technical evaluation committee members for Bid Opening**



# Workflow – HEW Portal

Contractor's Registration Module has already been launched by Hon'ble CM on dated 24.05.2021

Contractor ID  
Creation

Contractor  
Registration

## e-Estimate

- Rough Cost Estimate
- Administrative Approval
- Detailed / Technical Sanction of Estimate

## DNIT

- Prepare Bill of Quantities (BoQ)
- DNIT Report

## e-Tendering

- Common Bid Document
- Prepare General Technical Evaluation (GTE)
- Prepare e-Tender & **Push to NIC e-Tendering**
- Technical Evaluation

## Payments

- Integration with Haryana Treasury

## e-Billing

- e-Measurement Book
- Online submission of work bills by Contractors

## Allotment of Work

- Negotiation Proceeding
- Online Allotment Letter

# To participate in tenders following Registration process has been devised

Every contractor intending to submit bids for works have to **create login on HEW Portal.**

Contractor may also **apply for registration online.** Qualified **Registered contractor** will be **exempted from paying Earnest money deposit for tenders** processed on HEW Portal.

Contractor may register in the following classes:-

SN	Classes of Contractor	Amount of Work	Refundable Deposit (Rs. Lacs)
1	Class I	More than 25 Crore	15.00
2	Class II	Up to 25 Crore	10.00
3	Class III	Up to 10 Crore	05.00
4	Class IV	Up to 01 Crore	00.50

# Salient Features of Registration Rules

**Registration** of a contractor shall be done for a period of 5 (Five) years.

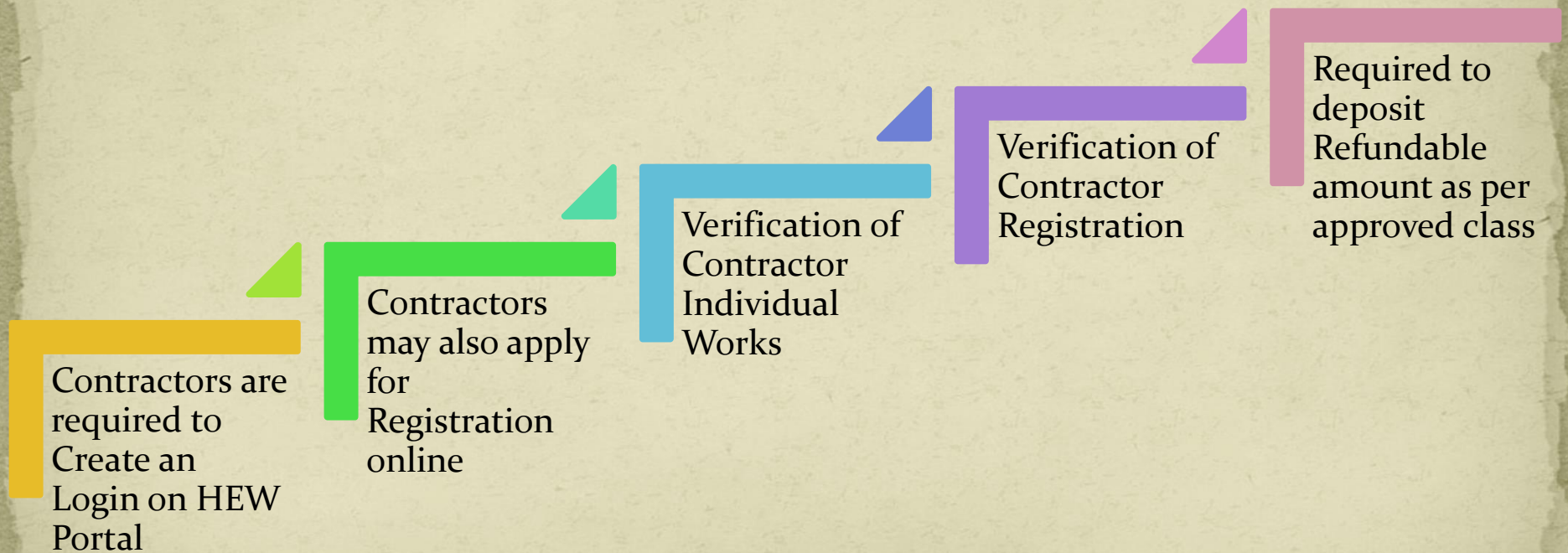
Contractor will be **deregistered** when its performance score goes below threshold limit of 70%.

Contractor may **generate Bid Security Declaration form** from HEW Portal.

Contractor can also **voluntarily deregister** from the portal.

**Upon de-registration** the one time refundable deposit shall be refunded.

# Contractor Registration Flow



# Verification of Contractor Registration

## Verification of Contractor Individual Works carried outside of HEW Portal

Quality, Cost & Time overrun are the key parameters

7 points appraisal Proforma has been devised for scoring from 0 – 100 marks

## Verification of Contractor Individual Works carried on HEW Portal

20 points appraisal Proforma has been devised for scoring from 0 – 100 marks

### Verification of Contractor Registration

Max. time period to process an application is 36 days.

- 15 Days – for verification of individual work
- 7 Days – for Nodal Division dealing the Registration
- 7 Days – for concerned Circle
- 7 Days – for Head Office Committee for finalization

# API Integration with Various Platforms

**Haryana Udhyan Memorandum (HUM) ID** – for verification of Contractors (optional)

**Parivar Pehchan Patra (PPP)** – for verification of individual details, mandatory for Haryana residents

**HRMS** – for authentication & authorization of employees

**e-Billing** – for verification of Contractor Payee Unique Code and processing of bills.

**NIC e-Tendering** – for data-exchange in between HEW Portal & NIC e-Tendering portal.

# Efficient & Effective Monitoring

**Efficient & Effective Monitoring of Civil Engineering Works through extensive MIS reporting:-**

❑ **Work Monitoring Status Report** on the basis of following parameters:

- **Works approved** during the Year
- **Total Ongoing Works** during the Year
- **Total Works within time schedule**
- **Delayed Ongoing Works**
- **Delayed Percentage**
- **No. of Works where time limit extended** by original time schedule

❑ **Physical & Financial Progress of Works** on the basis Marks obtained for completing the tasks w.r.t. target dates:

- **Calling of Tenders**
- **Allotment to Contractors**
- **Starting of Works by Contractor**
- **Completion of Works by Contractor**
- **Financial Complete**
- **Physical Completion, commissioning and Closing of Works**

# e-Governance Initiatives

Website – [haryanapwd.gov.in](http://haryanapwd.gov.in)

- HARPATH
- Twitter
- CM Window
- PWD(Whatsapp)
- Facebook Page
- Social Media Grievance Tracker (SMGT)
- MIS
- e-office



**Thank You**