

# Historical Analysis Generator (HAG)





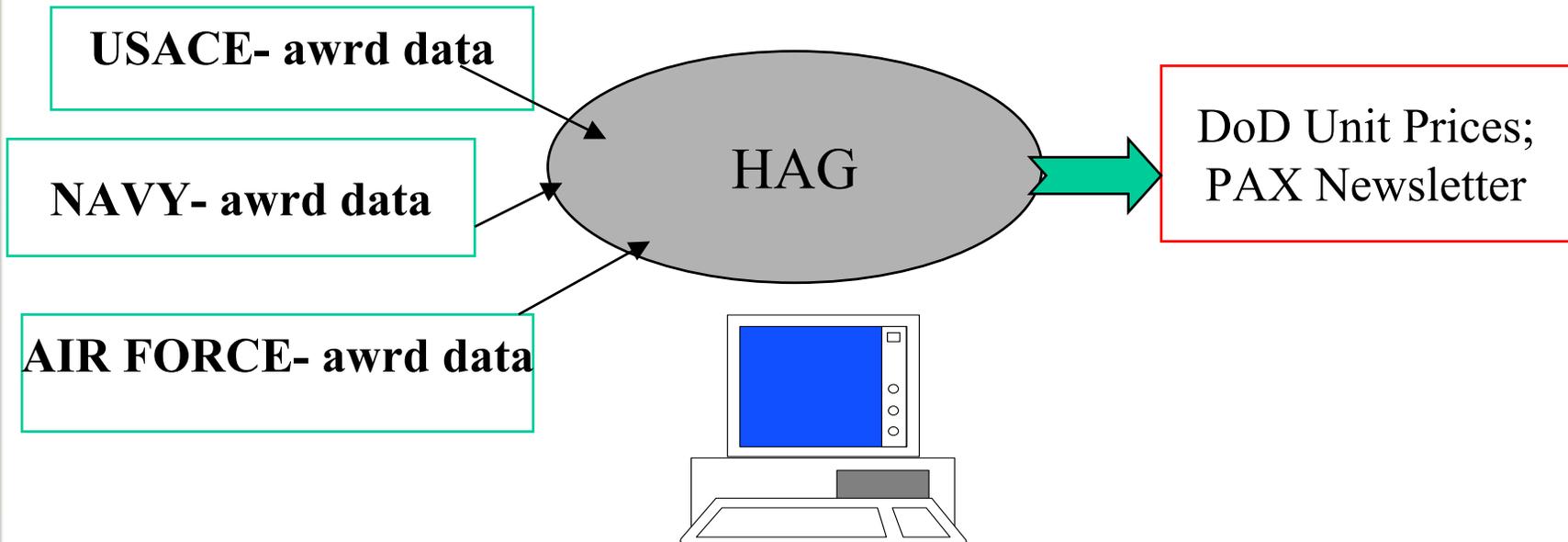
# Historical Analysis Generator (HAG)

- Used to collect military construction award data from three services (Army, Air Force & Navy)
- Software developed by Tri-Service Cost Engineering Committee
- Database and software maintained by the US Army Corps of Engineers
- Used to develop OSD and Army Military Facilities Pricing Guide.





# Historical Analysis Generator (HAG)



- The DoD unit prices are approved jointly by USACE/Navy/AF cost engrs.
- Same unit prices are used in the PAX newsletter.
- For DD1391/ENG3086 cost estimates.





# Historical Analysis Generator (HAG)

- **Guidance for HAG Data Requirements & Submission**
  - ER 1110-3-1300, Military Programs Cost Engineering
  - CECW-EIC Memorandum, subject: Reporting of Historical Analysis Generator Data (HAG) Data, 28 Feb 2002 (Enclosed in Tab. 11 , USACE/ACSIM Policy Guidance)
  - HAG 2. USACE Helper (handout)
  - District PM will fund HAG data activity.
  
- **HAG Web Site Program & POC:**
  - <http://www.hnd.usace.army.mil/traces/Government.asp>
  - For latest HAG Data, software, and instruction
  - HQUSACE: Mr. Nelson Rulona, 202-761-7688
  - CEHND: Mr. James Nichols, 256-895-1842





# Historical Analysis Generator (HAG)

- General Checklist
  - Submit HAG data in a timely manner.
  - Have a copy of the approved DD Form 1391.
  - Input total number of bids and all bid costs received.
  - Input total support cost on project level, not at facility level.
  - If there are multiple facilities in a project with just a “L.S.” award cost for these facilities, use prorate award based on each facility amount from the government estimate (GE).
  - Be sure to use correct PN & cat-code for each facility. Refer to 1391
  - Do not input a building system, i.e. superstructure, as a facility.
  - Do not use the project award amount as a facility amount.
  - The facility size much be quantified in SF, SY, etc., not 1 EA.





# Historical Analysis Generator (HAG)

- General Checklist (Continue)
  - For barracks buildings, use total barracks SF & cost as a facility. Identify if Type I, II, ...V construction.
  - Construction period “in day” were missing for many projects,
  - For family houses, use u/m and quantity in SF for a unit cost at \$/SF.
  - Current HAG 2.1 accepts input from Metric & English data, but it is not convertible between these two systems. Prefer input data in English unit.
  - If Design-Build, provide D-B fee figure. Contact Contracting Officer if not immediately available as this maybe FOUO.
  - If available, identify SDD cost items.
  - Be sure you have a quality data....free of errors.
  - Upload to website:

<http://www.hnd.usace.army.mil/traces/HAG/HAGUpload.asp>





# Historical Analysis Generator (HAG)

## HAG – web version

**HII - New Project**

File Online Help

Project Facilities/Systems

Name  Contract #  Award Date

Installation  Contract Type  D/B Fee

A/E  Construction Duration  Days

Bids			
	Use	Contractor	Bid Amount
*			

Contractor

Contract Award   Full Award

Gov't Estimate  Bid Count

Program Amount  Bid Average

Support Award  Support Ratio

Project Note

Ready

Start | HII - New Project | 3:12 PM





# Historical Analysis Generator (HAG)

## HAG – web version

The screenshot shows a web browser window titled "HII - New Project\*". The interface includes a menu bar (File, Online, Help), a toolbar with various icons, and a project information section. The project name is "Facilities/Systems", and the award date is "5/27/2003". Below this is a table with columns for System, Quantity, UOM, Prorate, Award Amount, Gov't Estimate, and Unit Cost. The "01 Substructure" row is selected, and a dropdown menu is open showing options from "01 Substructure" to "08 Plumbing".

System	Quantity	UOM	Prorate	Award Amount	Gov't Estimate	Unit Cost
01 Substructure	1	(Select)	<input checked="" type="checkbox"/>	0	0	0.00

Note

Ready

Windows taskbar: Start, HII - New ..., Training, Microsoft P..., 3:15 PM

