

# PRESENTATION

ON

## *Web based Project Management System*



**Karnataka State Police Housing Corporation Limited**

**[www.ksphc.org](http://www.ksphc.org) ; [www.ksphc.in](http://www.ksphc.in)**



ISO 9001:2008  
QMS/JAS-C0250/0389  
& ISO 14001:2004  
EMS/JAS-C0029/0041



[www.jas-anz.org/register](http://www.jas-anz.org/register)

***Karnataka State Police Housing Corporation Limited***

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# Genesis



- An ISO 9001-2008 & ISO 14001-2004 certified fully owned Government of Karnataka Company
- Set up in 1985 as a Company to undertake construction of residential & non-residential buildings for Home Dept.
- Up to the year 2000, the annual turnover of KSPHC was merely Rs. 6 Cr. With increasing grants from Central & State, it was entrusted more and more work. In 2001, its turnover was Rs. 100 Cr. That has gradually increased to over Rs. 150 Cr.
- KSPHC did works worth about Rs 118 Crores in sixteen years till 2001 taking engineers on deputation from PWD and following PWD codes and procedures
- The average administrative costs per year was 13%
- In 2000-01 when only Rs 6.21 Crores work was transacted, the administrative costs went up to 31% and the PRESENT administrative costs is only 8.3%
- KSPHC's main Objectives were further enlarged by inclusion of new items of work like IT Consultancy, e-Commerce Portal, engineering consultancy, training etc.

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# Why Creation of Electronic system ?

- ❖ Transparency in Public Procurement Act 1999
- ❖ State's Right to information Act passed in 2002
- ❖ More funds coming for Modernisation
- ❖ Self imposed conditions
  - ❖ Total transparency in all transactions
  - ❖ Accountability to the public
  - ❖ Quality consciousness
  - ❖ Image make over for the Police
  - ❖ Timely utilisation of funds to get extra funds that were promised
  - ❖ Cost over runs needed to be avoided to get more value for the same money
  - ❖ Innovations in design
  - ❖ Need for Computerisation and e-governance

# Why Creation of Electronic system ? Contd...



- ❖ Small Staff of 270 persons : problem of effective supervision
- ❖ Project Expenditure grew suddenly from Rs 6 Crores per year to Rs 100 Crores+ in a year
- ❖ Projects spread across the State in remote locations
- ❖ Nearly 500+ projects going on concurrently in diverse locations needed to be monitored; no idea what was going on, in which project!
- ❖ Need to ensure timely completion of projects to avoid cost-over run
- ❖ Non-availability of trained staff
- ❖ For an effective management & required productivity with the constraints, e-governance was the only viable answer



# PMS functions

- ❖ A project plan is prepared, saved and published to the project server
- ❖ The Monitoring and management phase begins
  - ❖ The updating by the contractor and verification of the same by KSPHC officers happens through the web access
  - ❖ Based on the approved updating, bills are generated and approved online.
  - ❖ The Change management (Approvals for Non schedule items and excess quantities executed...etc [Wok Slips and EIRLs])
  - ❖ The updating of the Projects can be seen Web on our web site [www.ksphc.org](http://www.ksphc.org)

# Integration with Tally package to help post Books of Accounts both at the Division and HO level



**Fully Tax compliant**

Tally 7.2

(c) Tally Solutions FZ-LLC, 2006  
7.2 - Release 3.12

Fri, 8th Jun, 2007

**Tally**

KSPHCLtd 07-08

TallyGold - Multi-User  
Sl. No. : 781068744

20:37:50

Ctrl + M

**Ledger Display**

Name : 10 Pc & 1 SI-Koneje-Main Civil  
(alias) : AHS-IVG&IP-027/DKD/H 646330/2006-07/1076C

Under : 10 Pc & 1 SI-Koneje  
(AHS-IVP-027)

Maintain balances bill-by-bill ? No  
Cost centres are applicable ? Yes  
Inventory values are affected ? No

Project Details : Yes  
Opening Balance (on 1-Apr-2007) :

**Mailing & Related Details**

Name : Income Tax No. :  
Address : Sales Tax No. :  
State :  
PIN Code :

**Calculator**

Ctrl + N

1 >

Help  
Web Browser  
Upload  
E-Mail  
Export  
Print  
F3: Company  
F3: New Cmp  
Groups  
Ledgers  
Cost Ctr  
Budget  
Vch Types  
F11: Features  
F12: Configure

**Total Op. Bal.**  
6,09,08,716.52 Dr

*Difference*  
6,09,08,716.52 Dr

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# Improvements due to WBPMS implementation on work expenditure over the years (Rs in Crores)



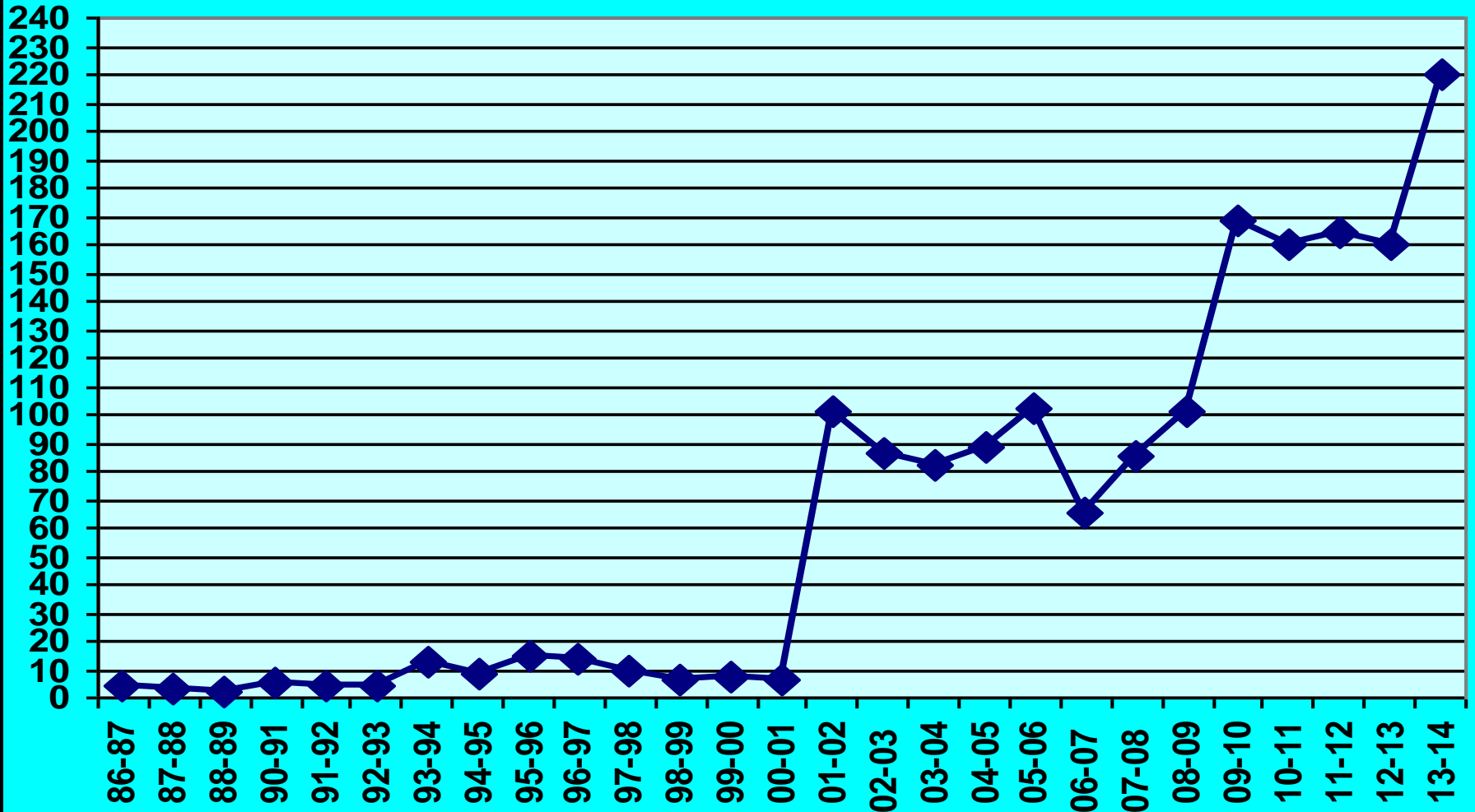
<b>Year</b>	<b>Expenditure</b>
<b>2000-01</b>	<b>6.22</b>
<b>2001-02</b>	<b>100.81</b>
<b>2002-03</b>	<b>86.77</b>
<b>2003-04</b>	<b>81.95</b>
<b>2004-05</b>	<b>88.35</b>
<b>2005-06</b>	<b>102.05</b>
<b>2006-07</b>	<b>65.11</b>

<b>Year</b>	<b>Expenditure</b>
<b>2007-08</b>	<b>85.78</b>
<b>2008-09</b>	<b>100.83</b>
<b>2009-10</b>	<b>168.21</b>
<b>2010-11</b>	<b>160.22</b>
<b>2011-12</b>	<b>164.35</b>
<b>2012-13</b>	<b>160.01</b>
<b>2013-14</b> (up to Feb 14)	<b>220.00</b>

# The Benefits of WBPMS



## WORKS EXPENDITURE - 1986 TO 2014



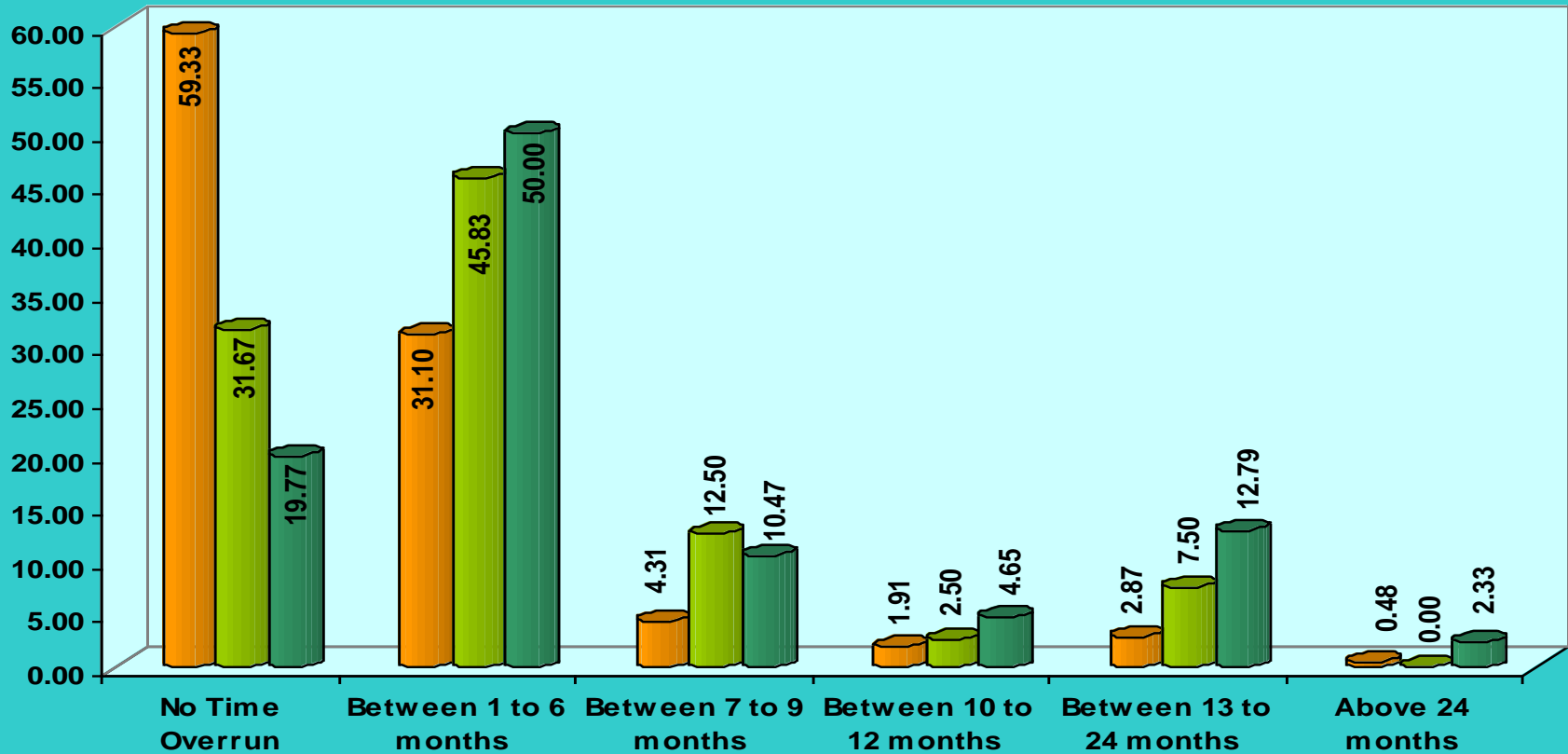


# The Benefits of WBPMS



## COMPARISON OF TIME OVERRUN IN HANDED OVER PROJECTS - 2010 TO 2013 (in %age)

2010-11      2011-12      2012-13

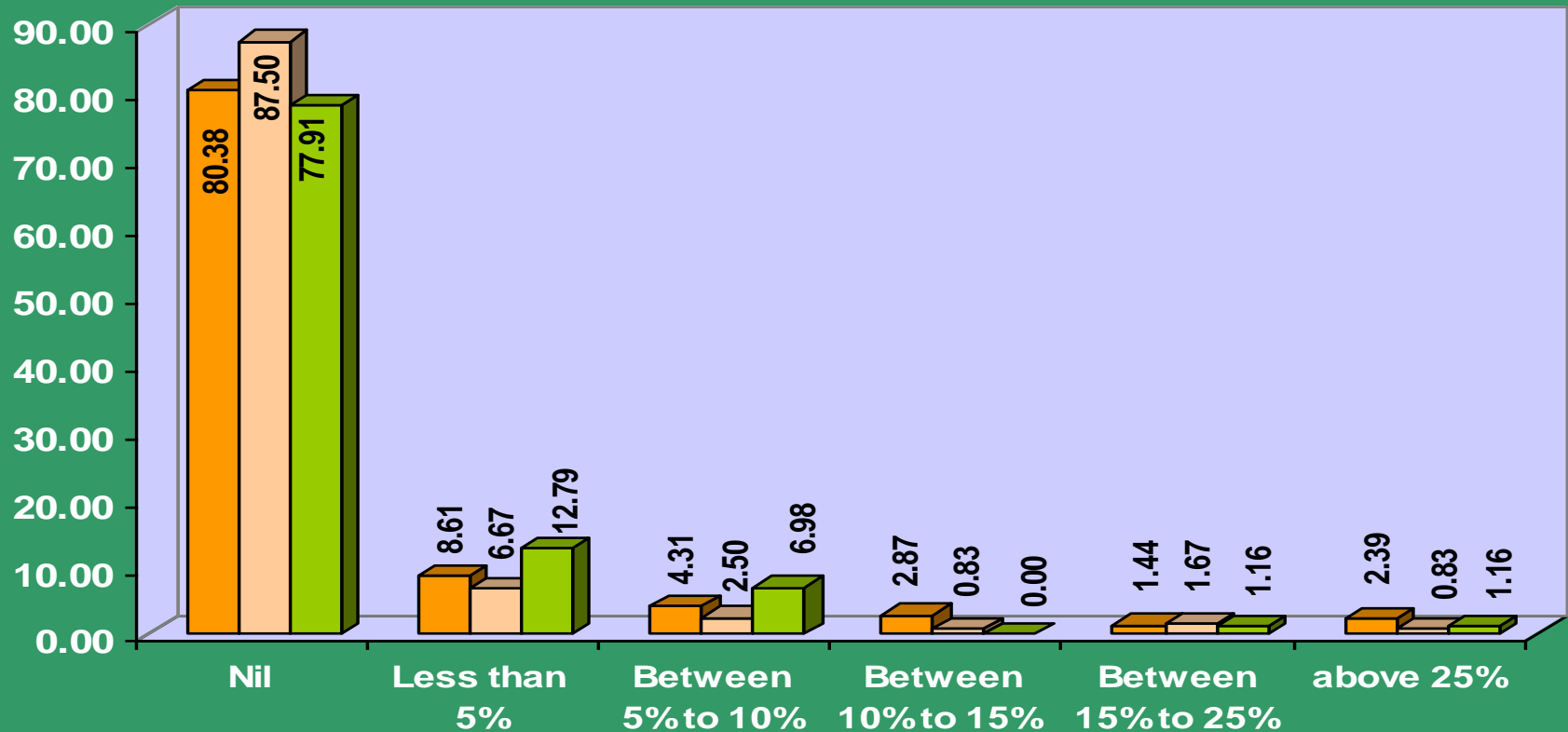




# The Benefits of WBPMS

## COMPARISON OF COST OVERRUN IN HANDED OVER PROJECTS 2010-13 (in % age)

2010-11    2011-12    2012-13





# The Benefits of WBPMS

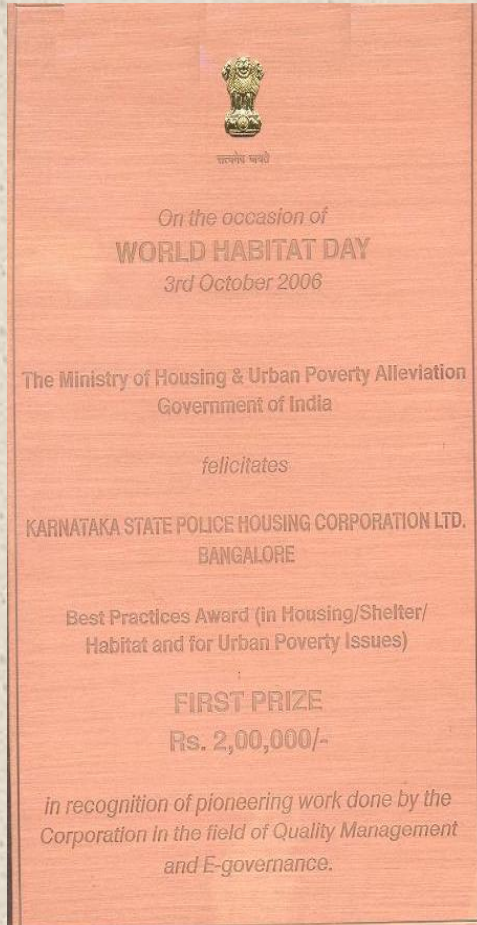
- Real time monitoring of the projects using the internet
- Projects can be accessed with the click over the internet
- Transparent transactions
- Accountability for Public Money spent
- Stake holder involvement
- Availability of the information



# Upgradation to Version 2

- 5 New Features of Version 2
  - - Upgrade to New technologies
  - - KPI Driven
  - - Mobile App for Rapid Updates
  - - Robust eMBook
  - - Audit Module

# AWARDS



- **Golden Peacock Award for**
  - **Corporate Social Responsibility,**
  - **Eco Innovation and**
  - **Innovative Management**
- **Best Practices award for Quality management and e- governance from Govt. of India - Rs 2 Lakhs in cash on World Habitat Day 2006**
- **Gold rating for Police Bhavan, Gulbarga by US Green Building Council as per LEED rating - 2007**
- **World Environment Award from State Government- Rs 1 Lakh in cash- 2007**
- **National e-governance Bronze Award for WBPMS from MIT, New Delhi -2008**
- **Best Practices Award 2010 for Initiative, the Web Based Project Management System, under the Line Department Category**
- **Certificate of Achievement by Commonwealth Association for Public Admin & Mgt (CAPAM), Malta in October 2010**
- **CIDC Vishwakarma Awards 2011 for Best Professionally Managed Company**
- **Research & Development Innovation for Research & Development Innovation award in Construction week India awards 2011**
- **IGBC Platinum rating awarded for 2 PC Qtrs at Audugodi constructed with PMH technology in 2012**
- **Chief Minister's "Annual Ratna Award" for Best Performing State undertakings & conferred for the financial year 2012-13**

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