Supply, Commissioning and Maintenance of Health Management Information System (HMIS)
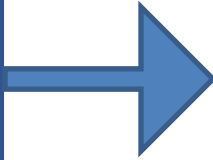
Project Overview

Project Beneficiaries	Citizens, Pune Municipal Corporation
Project	Supply, Commissioning and Maintenance of Health Management Information System
LOI Details	LOI No: PSCDCL/ Health Management Information System / 044/609/2019
LOI Signed	13.01.2020
Project Duration	24 Weeks implementation & 3 years O&M Period
Completion Date	Dec 2024
Project Status	Ongoing

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Project Scope: Facilities & Manpower details

FACILITIES
79

BAVMC Medical College
1
(Newly Added)

Hospitals
2

Maternity Homes
18

Dispensary
50

PPP
9

No of Beds
1156

300 Tabs supplied to PMC/PSCDCL

MANPOWER DETAILS		
Hospital Staff	**As per RFP**	**Actual**
DOCTORS	92	168
NURSES	185	366
LAB TECHNICIAN	50	13
PHARMACIST	93	93
TOTAL	420	640

OASYS

HMIS Project Current Implementation Status - Modules

MODULES	IMPLEMENTATION STATUS
Patient Management	COMPLETED
Appointment Module	COMPLETED
Doctors Module	COMPLETED
Accident, & Emergency Module	COMPLETED
Pharmacy module	COMPLETED
E.H.R. Module	COMPLETED
Laboratory module	COMPLETED
Inventory module	COMPLETED
Admission, discharge, transfer module	COMPLETED
Blood bank module	COMPLETED
Payment, claims and billing module	COMPLETED
End to end workflow management	COMPLETED
Tele-health module	COMPLETED
Grievances module	COMPLETED
OT Module	COMPLETED
Radiology Module	COMPLETED
Performance monitoring	COMPLETED
Integration Module	COMPLETED
Administration & Reporting at central level	COMPLETED

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Total Tablets - 300

Sr No	Health Facility Details	Tablets received
1	Pune Municipal Corporation (Health Dept)	234
2	Kamla Nehru Hospital	46
3	Zonal Medical Officers (PMC)	20
4	Grand Total	300

Oasys Cybernetics Pvt Ltd has already provided 300 tabs to PSCDCL.

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HMIS Implementation Status Facility Wise

S.No	Institution Name	Institution Category	Implementation Status	Remark
1	KAMLA NEHRU HOSPITAL	HOSPITAL	Implemented	
2	DR. NAYDU HOSPITAL	HOSPITAL	Implemented	Training finished and sign-off obtained.
3	SAVITRIBAI PHULE MATERNITY HOSPITAL, GURUVAR PETH	MATERNITY CENTER	Implemented	Training finished and sign-off obtained.
4	LATE MEENATAI THAKARE MATERNITY HOSPITAL	MATERNITY CENTER	Implemented	Training ffienished and sign-off obtained.
5	LATE SAHDEV EKNATH NIMHAN PASHAN KUTI MATERNITY HOSPITAL	MATERNITY CENTER	Implemented	Training Sahished and sign-off obtained.
6	LATE CHANDUMAMA SONAVANE HOSPITAL	MATERNITY CENTER	Implemented	Training Chandished and sign-off obtained.
7	RAJIV GANDHI MATERNITY HOSPITAL YERAWDA	MATERNITY CENTER	Implemented	Trajiv finished and sign-off obtained.
8	LATE ANNASAHEB MAGAR HOSPITAL, HADAPSAR	MATERNITY CENTER	Implemented	Training Annashed and sign-off obtained.
9	AUNDH KUTI HOSPITAL	MATERNITY CENTER	Implemented	Traindh finished and sign-off obtained.
10	CHH. SHIVRAI HOSPITAL, YERAWDA	MATERNITY CENTER	Implemented	Trainng Shivshed and sign-off obtained.
11	DR. HOMI J BHABHA MATERNITY HOSPITAL	MATERNITY CENTER	Implemented	Training ffinished and sign-off obtained.
12	LATE SAKHARAM KUNDALIK KODRE MATERNITY HOSPITAL	MATERNITY CENTER	Implemented	Training Sakhished and sign-off obtained.
13	RAJMATA JIJAU MATERNITY HOSPITAL, MITRAMANDAL CHAUK	MATERNITY CENTER	Implemented	Training jijau and sign-off obtained.
14	LATE KASHINATH DHANKAWDE MATERNITY HOSPITAL,BALAJINAGAR	MATERNITY CENTER	Implemented	Training Kashished and sign-off obtained.
15	LATE MALTI KACHI MATERNITY HOSPITAL, GADIKHANA	MATERNITY CENTER	Implemented	Training finished and sign-off obtained.
16	MATOSHRI RAMABAI AMBEDKAR MATERNITY HOSPITAL, AMBIL ODHA	MATERNITY CENTER	Implemented	Training finished and sign-off obtained.
17	LATE DRAUPADABAI MURLIDHAR KHEDEKAR HOSPITAL, BOPODI	MATERNITY CENTER	Implemented	Training draupdas and sign-off obtained.
18	DR. DALVI MATERNITY HOSPITAL SHIVAJINAGRAR	MATERNITY CENTER	Implemented	Training dalvished and sign-off obtained.
19	LATE JAYABAI SUTAR HOSPITAL	MATERNITY CENTER	Implemented	Training Jayashed and sign-off obtained.
20	LATE NAMDEV GENUJI SHIVARKAR DISPENSARY, VANAVDI	MATERNITY CENTER	Implemented	Training Namished and sign-off obtained.
21	MATA RAMAI AMBEDKAR DISPENSARY, SAINAGAR KONDHWA	DISPENSARY	Implemented	Training finished and sign-off obtained.
22	GALANDE PATIL DISPENARY, KALYANINAGAR	DISPENSARY	Implemented	Training finished and sign-off obtained.
23	LATE DASHRATH BALIRAM BHANGIRE DISPENSARY, MUHAMMADVADI	DISPENSARY	Implemented	Training finished and sign-off obtained.
24	CHH. SHAHU MAHARAJ DISPENSARY, KEDARINAGAR, VANAWDI.	DISPENSARY	Implemented	Training finished and sign-off obtained.

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HMIS Implementation Status Facility Wise

S.No	Institution Name	Institution Category	Implementation Status	Remark
25	BHARATRATNA DR. BABASAHEB AMBEDKAR DISPENSARY, DIAS PLOT	DISPENSARY	Implemented	Training finished and sign-off obtained.
26	LATE SUNDARABAI GANPAT RAUT DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
27	PMC DISPENSARY, WARD NO.62, KONDHWA BUDRUK	DISPENSARY	Implemented	Training finished and sign-off obtained.
28	LATE KALAVATI BAI TODKAR DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
29	YUG PURUSH RAJA SHIV CHHATRAPATI BIBVEVADI(APPAR) PMC DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
30	SIDDHARTH PMC HOSPITAL, VISHRANTWADI	DISPENSARY	Implemented	Training finished and sign-off obtained.
31	INDUMATI MANILAL KHANNA DISPENSARY MAHARSHINAGAR	DISPENSARY	Implemented	Training finished and sign-off obtained.
32	JANTA DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
33	LATE MUKUNDRAO LELE SHANIVAR PETH DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
34	LATE ARVIND GANPAT BARTAKKE HOSPITAL, WARJE MALVADI, ATULNAGAR	DISPENSARY	Implemented	Training finished and sign-off obtained.
35	LATE PRUTHAK BARATE HOSPITAL RAMNAGAR WARJE MALVADI	DISPENSARY	Implemented	Training finished and sign-off obtained.
36	SHANTABAI KHANDERAO KHADSARE HOSPITAL, VADGAON BUDRUK	DISPENSARY	Implemented	Training finished and sign-off obtained.
37	X-RAY DEPT. GADIKHANA RADIOGRAPHY SYSTEM	DISPENSARY	Implemented	Training finished and sign-off obtained.
38	ROCK EDWARD PAUL DISPENSARY, INDIRANAGAR,LOHGAON	DISPENSARY	Implemented	Training finished and sign-off obtained.
39	LATE VILASRAO TAMBE HEALTH DISPENSARY,DHANKAWDI	DISPENSARY	Implemented	Training finished and sign-off obtained.
40	LATE GENABA TUKARAM MHASKE PMC DISPENSARY KALAS	DISPENSARY	Implemented	Training finished and sign-off obtained.
41	RAJSHRI SHAHU MAHARAJ DISPENSARY BHIMNAGAR	DISPENSARY	Implemented	Training finished and sign-off obtained.
42	PMC DISPENSARY,KHARADI	DISPENSARY	Implemented	Training finished and sign-off obtained.
43	LATE BABURAO GENBA SHEVALE HOSPITAL, AUNDH ROAD	DISPENSARY	Implemented	Training finished and sign-off obtained.
44	CLINICAL PATHOLOGIST, GADIKHANA LABORATORY	DISPENSARY	Implemented	Training finished and sign-off obtained.
45	LATE RAOSAHEB BALAJI RAKHMAJI GAIKWAD DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
46	MATOSHRI MEENATAI BALASAHEB THAKARE POLYCLINIC, VADGAON SHERI	DISPENSARY	Implemented	Training finished and sign-off obtained.
47	LATE BINDU MADHAV THAKARE DIPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
48	LATE GANGARAM KARNE DISPENSARY, SHASTRINAGAR YERAWDA	DISPENSARY	Implemented	Training finished and sign-off obtained.

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HMIS Implementation Status Facility Wise

S.No	Institution Name	Institution Category	Implementation Status	Remark
49	LATE JANGALRAO AMRALE DISPENSARY, SHIVAJINAGAR	DISPENSARY	Implemented	Training finished and sign-off obtained.
50	LATE ROHIDAS KIRAD DISPENSARY, GANESH PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.
51	LATE MAMASAHEB BADADE DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
52	LATE ANNABHAU SATHE DISPENSARY, YERAWDA	DISPENSARY	Implemented	Training finished and sign-off obtained.
53	BALASAHEB THAKARE DISPENSARY, PARVATI DARSHAN	DISPENSARY	Implemented	Training finished and sign-off obtained.
54	TB UNIT GADIKANA	DISPENSARY	Implemented	Training finished and sign-off obtained.
55	ERANDVANA DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
56	LARE VIJAYABAI SHIRKE HEALTH CENTRE, HINGE	DISPENSARY	Implemented	Training finished and sign-off obtained.
57	LATE KALAVATI MAVLE DISPENSARY, NARAYAN PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.
58	HUTATMA BABU GENU DISPENSARY, RAVIVAR PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.
59	LATE MOTIRAM BHAIYYA KACHI POLYCLINIC GURUVAR PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.
60	SHIVSHANKAR POTE DISPENSARY AND POLYCLINIC	DISPENSARY	Implemented	Training finished and sign-off obtained.
61	SHRI SADGURU SHANKAR MAHARAJ DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
62	HAJRAT KHWAJA GARIB NAVAJ DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
63	PUNE CITY AIDS CONTROL SOCIETY, PMC	DISPENSARY	Implemented	Training finished and sign-off obtained.
64	LATE BAPUSAHEB GENUJI KAWADE PATIL, KOREGAON PARK	DISPENSARY	Implemented	Training finished and sign-off obtained.
65	BAI BHIKAYJI PESTANJI DISPENSARY, BHAVANI PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.
66	DATTAVADI DISPENSARY	DISPENSARY	Implemented	Training finished and sign-off obtained.
67	E-HEALTH CENTER RAMTEKDI	DISPENSARY	Implemented	Training finished and sign-off obtained.
68	E-HEALTH CENTER KOTHRUD	DISPENSARY	Implemented	Training finished and sign-off obtained.
69	MEDICAL STORE GADIKHANA	DISPENSARY	Implemented	Training finished and sign-off obtained.
70	IMMUNIZATION CENTER,NARAYAN PETH	DISPENSARY	Implemented	Training finished and sign-off obtained.

HMIS Implementation Status Facility Wise

S.No	Institution Name	Institution Category	Implementation Status	Remark
71	Wellness Centre- Cathlab and Cardiology Centre under Kamla Nehru Hospital	PPP	Implemented	Training finished and sign-off obtained.
72	Lions Club C.T. Scan Centre under Kamla Nehru Hospital	PPP	Implemented	Training finished and sign-off obtained.
73	Dialysis Centre under Kamla Nehru Hospital	PPP	Implemented	Training finished and sign-off obtained.
74	Dialysis Centre at Rajiv Gandhi Hospital Yerawda	PPP	Implemented	Training finished and sign-off obtained.
75	Dialysis Centre at Balasaheb Thakare Hospital, Mitra mandal chouk	PPP	Implemented	Training finished and sign-off obtained.
76	Dialysis Centre at Shivarkar Hospital, Vanawdi	PPP	Implemented	Training finished and sign-off obtained.
77	Late. Dattatray Valse Patil Opthalmology unit at Aundh road	PPP	Implemented	Training finished and sign-off obtained.
78	Dr. Kadam Diagnostic Centre MRI unit at Sahakar Nagar	PPP	Implemented	Training finished and sign-off obtained.
79	Krsna Diagnostic Centre at 60 Health units	PPP	Implemented	Training finished and sign-off obtained.

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Pune HMIS Key Users Training Programme Current Status

As per the training scheduled provided by PMC Health Dept, Team Oasys has imparted training to the following users :

Serial No	Key users	Module Name	Date	Total
1	Doctors	EMR/OT Management	24.06.2024	101
2	Staff Nurses	Nurse Desk	24.06.2024	280
3	Pharmacists	Pharmacy / Inventory	26.06.2024	93
4	Registration Desk	Registration /OP/ IP	26.06.2024	101
			Grand Total	**575**

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Under India's G20 presidency, the Ministry of Housing & Urban Affairs is organizing Urban 20 (U20). Coinciding with this, the Azadi ka Amrit Mohotsav (AKAM) celebrates 75 years of India's independence.

Following AKAM's success, Smart Cities will host 'AMRUT UTSAV,' featuring 100+ events in 100 Smart Cities from January 1 to June 30, 2023.

Pune launched its Amrit Utsav with the HMIS - Smart Pune Health Hackathon on February 13-14, 2023, held at I2IT College, Hinjewadi. The event was organized by Pune Smart City Development Corporation Ltd, Pune Municipal Corporation, OASYS Cybernetics Pvt. Ltd., and International Institute of Information Technology (I2IT).

The hackathon showcased innovative health solutions from 140 teams nationwide, with 30 teams presenting their ideas for the HMIS Project of PSCDCL. The 24-hour event concluded with groundbreaking solutions.

The top team, ADxMARK from Sri Krishna College, Tamil Nadu, won Rs. 75,000 for Automating Data Entry and Prediction. The first runner-up, Tied Up from the same college, won Rs. 50,000 for Personalizing Patient Care. The second runner-up, Team Invictus from PICT, Pune, won Rs. 25,000 for Improving Healthcare Delivery.

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Project Impact

- **Digitized Record Keeping:**
  - **Benefit:** All patient records are digitized and stored in a centralized system.
  - **Impact:** Improved accuracy, easy retrieval of patient information, and reduced administrative workload.
- **Enhanced Data Accessibility:**
  - **Benefit:** Integrated system allows seamless access to healthcare data across departments and providers.
  - **Impact:** Improved patient care coordination, faster decision-making, and reduced medical errors.
- **Reduced Patient Wait Times:**
  - **Benefit:** Efficient scheduling and resource allocation through the HMIS.
  - **Impact:** Shorter wait times, higher patient satisfaction, and better resource utilization.
- **Accurate Billing and Pharmacy Management:**
  - **Benefit:** Automated Pharmacy processes and real-time tracking of transactions.
  - **Impact:** Reduced stock errors, improved medicine stock management, and enhanced patient experience.
- **Advanced Data Analysis and Reporting:**
  - **Benefit:** Robust data analytics capabilities to monitor, analyze, and report on various healthcare metrics.
  - **Impact:** Informed decision-making, identification of trends, and continuous improvement in service quality and operational efficiency.
- **Improved Patient Information Security:**
  - **Benefit:** Enhanced security measures for digital records, including encryption and access controls.
  - **Impact:** Increased patient privacy, compliance with legal standards, and reduced risk of data breaches.
- **Healthcare Staff Efficiency:**
  - **Benefit:** Reduced administrative tasks allow healthcare staff to focus more on patient care.
  - **Impact:** Higher staff productivity and improved patient outcomes.
- **Telemedicine and Remote Care:**
  - **Benefit:** Integration with telemedicine platforms for remote consultations and follow-ups.
  - **Impact:** Greater accessibility to healthcare services, especially for remote or underserved populations.
- **Patient Engagement:**
  - **Benefit:** Patient portals for accessing health records, scheduling appointments, and communicating with providers.
  - **Impact:** Enhanced patient engagement, better health literacy, and proactive health management.

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Important Achievements till date… (Proud Moments)

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Thank You