

# E-COURTS PROJECT

DEPARTMENT OF JUSTICE  
GOVERNMENT OF INDIA

January 9, 2008

# STRUCTURE OF INDIAN JUDICIARY & STATUS OF PENDENCIES ON 1.1.2007

- ◆ SUPREME COURT ( 39,780 CASES)
- ◆ 21 HIGH COURTS & 14 BENCHES  
(36.5 LAKH CASES)
- ◆ 15,000 DISTRICT & SUBORDINATE COURTS IN 504 DISTRICTS & 2200 LOCATIONS ( 2.5 CRORE CASES)

# EARLIER COMPUTERIZATION SCHEMES

- ◆ 1997 : 430 DISTRICT COURTS,  
Rs 15 Cr//1 PC/DISTRICT JUDGE
- ◆ 2001-02 : 700 METRO CIVIL COURTS  
(Rs.17.8 Cr)//2.5 PCs/COURT
- ◆ 2003-04 : 781 COURTS IN 29 CAPITAL  
TOWNS  
(Rs.24.8 Cr)//2.5 PCs/COURT

# E-COURTS PROJECT

- ◆ APPROVED BY CCEA ON 8.2.2007
- ◆ COST Rs. 442 CRORES, DURATION : 2 YEARS
- ◆ COVERAGE REMAINING LOWER COURTS
- ◆ UPGRADATION OF ICT INFRASTRUCTURE OF SUPREME COURT & HIGH COURTS
- ◆ IMPLEMENTING AGENCY- NIC, CONSULTATION & GUIDANCE OF E-COMMITTEE

# PROJECT DELIVERABLES-I (G TO C)

- ◆ STATUS OF PENDING CASES OF EVERY COURT TO BE AVAILABLE ON-LINE
- ◆ WEB-BASED PUBLIC ACCESS TO CAUSE LIST,CASE DETAILS
- ◆ INSTANT ISSUE OF CERTIFIED COPIES
- ◆ FACILITATION COUNTERS IN EVERY COURT COMPLEX FOR FILING OF CASES, ISSUE OF CERTIFIED COPIES & CASE INFORMATION

# PROJECT DELIVERABLES-II (G TO C)

- ◆ PRODUCTION OF VICTIMS & WITNESSES THRO' VIDEO CONFERENCE
- ◆ SERVICE OF NOTICES & SUMMONS OF HIGHER COURTS BY ELECTRONIC MEANS
- ◆ E-FILING OF CASES IN ALL COURTS
- ◆ AVAILABILITY OF DIGITALLY SIGNED COURT ORDERS AND JUDGEMENTS ON THE NET

# PROJECT DELIVERABLES- III

## (G TO G)

- ◆ CREATION OF DATA BASE OF PENDING CASES
- ◆ ELECTRONIC CALCULATION OF COURT FEES
- ◆ ONLINE ASSIGNMENT OF CASES
- ◆ GROUPING OF CASES
- ◆ SCANNING & STORAGE OF ALL CASE DOCUMENTS

# PROJECT DELIVERABLES-IV (G TO G)

- ◆ GENERATION OF CAUSE LISTS
- ◆ DIGITAL TRANSCRIPTION OF EVIDENCE
- ◆ READY AVAILABILITY OF INFORMATION ON ADJOURNMENTS, SERVICE OF SUMMONS, DOCUMENTS SUBMITTED, IAs, ETC.
- ◆ SEAMLESS TRANSFER OF DATA ACROSS THE JUDICIAL SYSTEM THRO' CREATION OF NATIONAL JUDICIAL DATA GRID



# PROJECT DELIVERABLES-V

## (G TO G)

- ◆ DIGITAL PRODUCTION OF UNDERTRIAL PRISONERS THRO' VIDEO CONFERENCE
- ◆ ACCESS TO LEGAL RESOURCES ON INTERNET
- ◆ AUTO GENERATION OF SUMMONS, WARRANTS & OTHER PROCESSES
- ◆ REGULAR MONITORING OF SERVICE OF PROCESSES
- ◆ GENERATION OF INITIAL ORDER-SHEET

# PROJECT DELIVERABLES-VI (G TO G)

- ◆ ON-LINE PERFORMANCE MONITORING & ASSESSMENT OF JUDGES
- ◆ INTEGRATED PERSONNEL INFORMATION SYSTEM & COMPUTERIZED FINANCIAL ACCOUNTING
- ◆ EMAIL FACILITY TO JUDGES TO ENSURE SMOOTH COMMUNICATION
- ◆ AUTO-GENERATION OF STATUTORY REPORTS/RETURNS
- ◆ ONLINE INFORMATION TO GOVERNMENT DEPARTMENTS

# MAIN FEATURES

- ◆ CUSTOMIZED APPLICATION SOFTWARE TO BE DEVELOPED
- ◆ 2-6 SERVERS PER COURT COMPLEX
- ◆ 4 CLIENTS/COURT & 1 LAPTOP FOR EVERY JUDICIAL OFFICER ALONGWITH PRINTERS & SCANNERS
- ◆ LAN IN EVERY COURT COMPLEX

# MAIN FEATURES

- ◆ INTERNET CONNECTIVITY ( INITIALLY THROUGH BROADBAND/DIAL UP & ULTIMATELY THRO' SWAN)
- ◆ POWER BACKUP THRO' UPS & DG SETS
- ◆ CAPACITY BUILDING OF JUDGES & COURT STAFF THRO' PERSONALIZED TRAINING
- ◆ HAND HOLDING FOR 2 YEARS THROUGH TECHNICAL MANPOWER

# PROJECT COST( IN Rs. Crs)-I

◆ HARDWARE : 163

◆ SOFTWARE(SYSTEMS,OFFICE & APPLICATION):16

◆ SITE PREPARATION : 36

◆ TRAINING:12

◆ TECHNICAL SUPPORT STAFF:31

◆ COMMUNICATION,CONNECTIVITY& LAN: 50

# PROJECT COST( IN Rs. Crs)-II

◆ POWER BACK UP : 40

◆ VIDEO CONFERENCING : 20

◆ UPGRADATION OF ICT INFRASTRUCTURE IN SUPREME COURT & HIGH COURTS : 44

◆ WI-FI IN SUPREME COURT & HIGH COURTS:1.5

◆ SMART CARDS/DIGITAL SIGNATURES: 3

# PROJECT COST( IN Rs. Crs)-III

- ◆ PROCESS REENGINEERING : 2
- ◆ PROJECT MANAGEMENT  
CONSULTANCY, MONITORING &  
CHANGE MANAGEMENT : 16.5
- ◆ CENTRALIZED FACILITY : 6

# TARGET DATES FOR KEY ACTIVITIES

HARDWARE SOLUTION	30.10.2007
NETWORK ARCHITECT.& SPECS, BANDWIDTH SIZING ETC	31.01.2008
SRS, APPLICATION/DATABASE ARCHITECTURE ETC.	28.02.2008
INTEGRATION WITH OTHER MMPs (POLICE, PRISONS, SWAN)	31.03.2008
APPROVAL OF SERVICE LEVELS	31.12.2007
SITE PREPARATION	30.06.2008



# TARGET DATES FOR KEY ACTIVITIES

HARDWARE PROC.,NETWORK CREATION	30.09.2008
APPLICATION SOFTWARE DEVELOPMENT	30.09.2008
TRAINING OF JUDGES & COURT STAFF	30.11.2008
TECHNICAL MANPOWER	30.09.2008
VIDEO CONFERENCE FACILITIES	30.09.2008
ALL SITES/SERVICES TO BE COVERED	31.12.2008

# ACTIVITIES UNDERTAKEN SO FAR

- ◆ 12840 LAPTOPS SUPPLIED TO JUDGES
- ◆ ICT TRAINING OF JUDGES/STAFF UNDERWAY: 2000 JUDGES/25000 STAFF TRAINED
- ◆ 3200 JUDGES PROVIDED INTERNET CONNECTIVITY BY BSNL, REST IN PROGRESS
- ◆ 13000 LASER PRINTERS BEING GIVEN TO JUDGES

# SITE PREPARATION

- ◆ COMPUTER ROOM/JUDICIAL SERVICE CENTRE, AC, LAN, WAN AND POWER BACK UP
- ◆ HIGH COURTS REQUESTED TO SELECT EXECUTING AGENCY & SUPERVISE
- ◆ TECH SPECS & GUIDELINES SENT TO STATE INFORMATICS OFFICERS OF NIC
- ◆ CENTRALIZED EMPANELMENT OF VENDORS FOR NETWORKING EQUIPMENT, AC, DG SETS, ETC AWAITED

# APPLICATION SOFTWARE

- ◆ TO BE DEVELOPED BY NIC WITH GUIDANCE OF E-COMMITTEE
- ◆ PMC DECIDED TO FORM SOFTWARE COMMITTEE IN AUGUST 2007; NEED TO BE DONE URGENTLY
- ◆ DIFFERENT VERSIONS OF APPLICATIONS IN USE COMPARED: VERSION I TO BE ROLLED OUT BY 31.12.2007

# APPLICATION SOFTWARE

- ◆ AGENCY FOR BPR SELECTED
- ◆ FINAL VERSION TO BE COMPLETED BY 09/2008
- ◆ NEED TO COORDINATE WITH POLICE, PRISONS & OTHER CJS ACTORS TO ENSURE SEAMLESS EXCHANGE OF DATA

# HARDWARE PROCUREMENT

- ◆ WORKLOAD ANALYSIS, SERVER SIZING COMPLETED
- ◆ TECH SPECS SUBMITTED FOR E-COMMITTEE'S 'CONSENT'
- ◆ LAPTOPS PROCURED & SUPPLIED
- ◆ LASER PRINTERS PROCUREMENT IN PROGRESS

# OTHER IMPLEMENTATION

- ◆ RFP FOR TECHNICAL MANPOWER FLOATED
- ◆ TENDER PROCESS FOR VIDEO CONFERENCING STARTED

# PROGRAM MANAGEMENT/ MONITORING

- ◆ CCEA MANADATE TO APPOINT AN INDEPENDENT AGENCY TO SUPPORT MONITORING
- ◆ PROFESSIONAL SUPPORT NEEDED TO EFFECTIVELY MONITOR THE PROGRAM
- ◆ INDEPENDENT AGENCY TO SET UP A PMU IN DOJ



# CHANGE MANAGEMENT

- ◆ CONDUCT AWARENESS PROGRAMS THROUGH FILMS, PRESENTATIONS, WORKSHOPS, ETC.
- ◆ INVOLVE RETIRED JUDGES
- ◆ REFRESHER TRAINING OF JUDGES
- ◆ INCENTIVES, AWARDS FOR GOOD PERFORMANCE
- ◆ NEED TO ENTRUST THIS TASK TO A PROFESSIONAL AGENCY

# UPGRADATION OF ICT INFRASTRUCTURE OF HIGHER COURTS

- ◆ CCEA DECISION TO COMPLETE THIS ON PRIORITY
- ◆ NIC WAS TO PREPARE DPRs
- ◆ NEED TO MAKE PROGRESS IN THIS REGARD

# FINANCIAL DETAILS

- ◆ PROJECT COST: Rs. 442 Cr
- ◆ NIC GIVEN Rs. 103 Cr IN 03/2005 & Rs.84 Cr IN 03/2007
- ◆ EXPENDITURE COMMITTED SO FAR  
Rs.100 Cr (LAPTOPS 40, TRAINING 10, PRINTERS 10, BSNL 4, SITE PREP 36)
- ◆ BE 2007-08 Rs.170.5 Cr, UNLIKELY TO BE UTILIZED

# TARGET DATES FOR VARIOUS STAGES OF KEY ACTIVITIES

- ◆ TARGET DATES FOR KEY ACTIVITIES & FOR VARIOUS STAGES WITHIN EVERY KEY ACTIVITY SET
- ◆ REGULAR FEEDBACK NEEDED ON PROGRESS AND ACHIEVEMENTS AGAINST EACH ACTIVITY



**THANK YOU**