Convergence with MGNREGA
“Good Practices in different States"
VISION

Wage Employment to Sustainable Livelihood
Convergence with MGNREGA in

- Natural Resource Management
- Livestock and Livelihood
- Horticulture and Plantation
- MGNREGA + NBA
- other schemes ie PYKKA, BADF, Fisheries Activity
“MGNREGA + Natural Resource Management convergence"
Andhra Pradesh,

**Convergence with IWMP**

- Complete saturation mode based Detailed Project Reports (DPR) planning and convergence plan for MGNREGS.
- Segregation of NRM based Projects in between IWMP & MG-NREGS in IWMP villages.
- 15 out of 26 Projects of works i.e watershed related works are taken up by IWMP as well as NREGS staff in IWMP villages.
AP, Convergence with MGNREGS under NRM

- Coverage of SC, ST small, & marginal farmers under MGNREGS
- Farmers other than SC, ST, small & marginal farmers are covered under IWMP
- Construction of water harvesting structures in all farmers lands
AP, Convergence with MGNREGS under NRM

- Land Development & Fodder Dev. Projects
  - Dry Land Horticulture
  - Land Dev. works
  - Watershed Computer Centre
  - Mandal Computer Centre
  - NREGS FUNDS

- Ground Water Recharge, Drainage Line Treatment, Afforestation, Fodder development, Common Property resources Projects
  - Mandal Computer Centre
  - NREGS FUNDS
  - IWMP FUNDS

- Others – Flood control, Roads etc
  - Mandal Computer Centre
  - NREGS Funds
## Progress of NRM

### Amount Rs in Crores

<table>
<thead>
<tr>
<th>Batch</th>
<th>IWMP fund with IWMP staff</th>
<th>Convergence with NREGS</th>
<th>Total NREGS fund with IWMP &amp; NREGS staff</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Phy</td>
<td>Fin</td>
<td>Phy</td>
</tr>
<tr>
<td>I</td>
<td>29978</td>
<td>114.95</td>
<td>7458</td>
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<tr>
<td>II</td>
<td>24824</td>
<td>104.45</td>
<td>6801</td>
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<tr>
<td>III</td>
<td>4508</td>
<td>11.26</td>
<td>929</td>
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<tr>
<td>Total</td>
<td>59310</td>
<td>230.66</td>
<td>15188</td>
</tr>
</tbody>
</table>
INDIRA JALA PRABHA – MGNREGA – RIDF

Objective
- To irrigate 10 lakh acres of land
- Of Poorest of Poor households – SC/ST
- Major anti-poverty initiative
- GW to be a community asset
- Equity in access of groundwater
- Convergence with MGNREGS to improve asset quality
- Not only GW exploitation, but recharge.
- Optimum utilization of ground water through MIP

Scope - Project Cost

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Amount (Rs. in Crores)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>NABARD Component</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(i) Works</td>
<td>785.72</td>
</tr>
<tr>
<td></td>
<td>(ii) 1% towards Survey &amp; Investigation</td>
<td>7.85</td>
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<tr>
<td></td>
<td>(iii) 2% towards Training &amp; CB</td>
<td>15.71</td>
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<tr>
<td></td>
<td>(iv) Cost Escalation</td>
<td>78.57</td>
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<tr>
<td></td>
<td><strong>NABARD sub-total</strong></td>
<td><strong>887.87</strong></td>
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<tr>
<td>2</td>
<td><strong>EGS component</strong></td>
<td><strong>950.50</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Grand Total</strong></td>
<td><strong>1838.37</strong></td>
</tr>
</tbody>
</table>
Works under I J P.

Works with NABARD funds.
1. Purchase of motors
2. Energisation
3. Cement troughs for water storage for Borewells with low yield
4. Lift Irrigation
5. Any other work requiring use of machinery on case to case basis.
6. Name board.

Works with MGNREGS funds
1. Irrigation source for SC/STs
2. Bore well recharge structures
3. MIP
4. Agro – forestry
5. Dry land Horticulture
6. Any other work from the existing projects under MGNREGS
# IJP - Progress

<table>
<thead>
<tr>
<th>Description</th>
<th>Target</th>
<th>Achievement (since Oct-2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phase-I</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NABARD (incl. state share)</td>
<td>Rs. 420 crores (in 3 years)</td>
<td>Rs. 115 crores</td>
</tr>
<tr>
<td>EGS</td>
<td>Rs. 455 crores (in 3 years)</td>
<td>Rs. 195 crores</td>
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<tr>
<td><strong>Total</strong></td>
<td>Rs. 875 crores (in 3 years)</td>
<td>Rs. 310 crores</td>
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<tr>
<td><strong>Phase – II</strong></td>
<td></td>
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<tr>
<td>NABARD (incl. state share) (Future RIDF)</td>
<td>Rs. 444 crores (in 3 years)</td>
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<tr>
<td>EGS</td>
<td>Rs. 519 crores (in 3 years)</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>Rs. 963 crores (in 3 years)</td>
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</tbody>
</table>
Chhattisgarh

**Intervention**

- *MGNREGA-IWMP convergence was established to rejuvenate the old canals, irrigation tanks, stop dams.*
- Farm ponds and earthen dams were constructed through convergence with IWMP (integrated watershed management programme). The material component was met from IWMP where as the wage component was met from MGNREGA.
- *Construction of farm ponds*

**Impact:**

- *The yield of the farmers increased by 50% through assured source of irrigation*

**Convergence Partners**

- MGNREGS, watershed, Agriculture, Horticulture
Madhya Pradesh

Intervention

- Watershed area treatment was done in the Narmada valley
- Convergence was established with “Kapil Dhara yojana” (A state govt. Programme ensuring construction of wells for the rural families)
- The defunct irrigation channels were renovated under the scheme which resulted in restructuring of the water course and field irrigation channels

Impact:

- Ensuring irrigation facilities through the field channel
- Land development through watershed area treatment

Convergence Partners

- MGNREGS, Agriculture, Horticulture NRLM, SGSY, NVDA, Forestry
Madhya Pradesh

Sahstradhara
(Water Course & Field Channel)

- 2276 works Sanctioned
- 1018 Works completed
- 22 Crore Expenditure

Earth Work for Field Channel & Water Course – MGNREGS
Lining Work - WRD & NVDA Deptt.,

FY 2013-14

- New Beneficiaries
- Crore Expected Expenditure
## MGNREGS in M.P. % Convergence

<table>
<thead>
<tr>
<th>Sector</th>
<th>Works</th>
<th>Convergence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Natural Resource management Climate Proofing</td>
<td>Integrated Micro Project</td>
<td><strong>MGNREGS</strong>, Agriculture, Horticulture NRLM, SGSY</td>
</tr>
<tr>
<td></td>
<td>Watershed Development Programme</td>
<td><strong>MGNREGS</strong>, Agriculture, Horticulture NRLM, SGSY</td>
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<tr>
<td></td>
<td>Narmada Valley Watershed Area Treatment</td>
<td><strong>MGNREGS</strong>, NVDA</td>
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<tr>
<td></td>
<td>Social Forestry</td>
<td><strong>MGNREGS</strong>, Forest &amp; Horticulture</td>
</tr>
</tbody>
</table>
U.P (Fatehpur )

Intervention:
• MGNREGA convergence was laid out for river revival to enhance the utility of the river for irrigation purpose and restores the fertility by preventing de-siltation.
• The adjoining villages which were subjected to water logging were protected through the intervention

Key Strategies:
• The plan of action was chalked out in several interdepartmental meetings in presence of Engineers from PWD followed by Survey and design
• Large No.of villagers were mobilized for doing the labour work.

Impact:
• Assured source of irrigation to the villages round the year and protected de-siltation
• The rerival of the river led to maintaining the ground water table

Convergence Partners
• MGNREGS, PWD, Agriculture, Horticulture etc
Intervention
• Activities like contour trenches, gully plugging etc taken up in highlands
• Farm ponds were constructed under MGNREGA and Agriculture intervention through other schemes

Strategy
• Coherent approach of change was planned by involvement of NGOs where the govt played the role of proper guidance and provide legitimacy to the NGO around a certain framework

Impact
• Migration was reduced by providing opportunity for livelihoods to the family
• Water plus activity led to income enhancement at family level
• Food security has been addressed by increasing the farm productivity

Convergence Partners
• MGNREGS, Agriculture, Horticulture, Forestry
West Bengal

**Intervention**
- Farm Ponds were constructed and the earthen dams were renovated. River embankment were structured under MGNREGA, technical input from line dept, nursery and tree sapling provided by forest dept

**Strategy**
- The Gram Panchayat were made to act as PIA (Project implementation Agency) for the implementation.

**Impact**
- Restoration of the forest protecting the remote habitats of Sunderbans
- Generation of the employment of more than 3.5 person days to the rural families.
- Increase the participation of women in the programme

**Convergence Partners**
- MGNREGS, Agriculture, Horticulture, Forestry
Sikkim

**Intervention:**

- *Spring-shed development (Dhara Vikas) was initiated in the hilly region with convergence through MGNREGA*

**Impact:**

- *The water was used by the rural families for growing vegetables and establishing kitchen garden*
“MGNREGA + Livestock and Livelihood convergence"
## UP, Goat Keeping...tie-up with banks

### Estimate for Goat Shelter...
- Completion time: 7 days, 1 Mason + 5 Unskilled Labour (2 ladies included)… 35 mandays...

### Execution for Goat Shelter...
- 1000 beneficiaries identified and trained mainly in Lohia villages...
- Training by department to all JEs, TAs & Beneficiaries at block level...
- For 60:40 ratio, labour-oriented work at GP level 17k per unit...

### Tie-up with banks...
- Unit Cost for 10+1 – 49K, Capital Subsidy of 25%, SCs-33.33%...
- No margin money, no deductions, EMI less than Rs.900 per month, Loan Camps at blocks, free insurance...

### Outcome...
- First year incremental income easily above 35k per beneficiary...
- 2.5 Crore spend achieved…14k female mandays achieved...
- Barbari breed to be promoted...
### Compost Pits...
- Total Cost - 4.125K, fully Unskilled Labour, 33 mandays...
- Good Compost ready in 60 days...
- 26 out of 33 mandays by women...

### Vermi-Compost Units...
- Total Cost – 8.525K, Material – 7.65, Labour – 0.875K, Compost ready in 40 days...
- Training and material by Agriculture dept & experts to staff & beneficiaries

### Execution...
- 3 Compost units for every Vermi-compost unit to maintain 60:40 at GP level...
- Target of 10k Vermi units and 30k Compost units by year end...
- Demand generated for NREGA among farmer households...

### Outcome...
- 800k female mandays if target achieved...
- 21 Crore spend with 60:40 maintained...
- 40k MT organic manure..fillip to Organic farming...Agricultural and Animal waste effectively utilised...
### Model Estimate…

- Total Cost - 145.448K per acre, 95:5 ratio, 978 mandays per acre...
- 100 hectares taken up in phase 1...2nd and 3rd year also spend ensured...

### Process…

- Monitoring by SDMs for programme implementation...
- Training by Animal husbandry department, supply of seeds and fertilizers from market......

### Execution…

- Works on the pasture land include land dev, fencing, digging trenches or bio fencing, embankment creation, irrigation, one small pond etc...
- Pasture within 2 months of sowing...

### Outcome…

- If target achieved 2.5 lakh female mandays created...4 Crore spend...
- Great fillip to Animal husbandry with natural cattle feed, revenue for Gram Sabha fund...
AP, Agriculture & Allied activities

- Identification by Gram Sabha
- Execution by RD Dept.
- Wage payments to wageseekers through musters
- Material payments to beneficiaries/GP/suppliers
- Types of works taken up:
  - NADEP compost
  - Compost pits
  - Perennial fodder development
  - Rising of silvipasture with subabul plantations
  - Cattle drinking water troughs
  - Fish production & fish rearing ponds
Chhattisgarh

Chhattisgarh (Bilaspur and Durg)

Intervention

- Cattle shed were also constructed under MGNREGA. Cattle through NRLM and Animal Husbandry dept, Veterinary department provide support to increase the productivity of the animal.
- Likewise, goat sheds were also made using the NREGA funds to support the infrastructural base for the livelihood.

Strategy

- SHG based approach for NREGA beneficiary oriented projects. e.g. Poultry shed, Goat shed.
- SGSY: Revolving fund + Bank loan + subsidy training.
- MGNREGA: Poultry shed, bigger scale /reduction in material component.
- 13th FINANCE (infrastructure ,money 10%)- hand pump for water supply.(35000)
- Under SGSY and MGNREGA II 23 groups(275 members) benefitted, loan of 82 lakh distributed,
- Replicating same pattern under NRLM
## MGNREGS in M.P. : Convergence

<table>
<thead>
<tr>
<th>Sector</th>
<th>Works</th>
<th>Convergence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Livelihood Activities</td>
<td>Kapildhara</td>
<td>MGNREGS, Tribal Welfare, Agriculture &amp; SGSY</td>
</tr>
<tr>
<td></td>
<td>Nandan Phlodhyan</td>
<td>MGNREGS, &amp; Horticulture, SGSY/NRLM, RKVY</td>
</tr>
<tr>
<td></td>
<td>Minakshi</td>
<td>MGNREGS &amp; Fishery</td>
</tr>
<tr>
<td></td>
<td>Vanya &amp; Resham</td>
<td>MGNREGS &amp; Resham Department</td>
</tr>
</tbody>
</table>
“MGNREGA + Horticulture and Plantation convergence "
AP, MGV Nurseries & Bund Planting

- Under drought Proofing category
- Raising seedlings and tree plantations along the boundary of beneficiaries lands
- **Beneficiaries**: SC, ST, SF and MF category farmers.
- **Seedlings Supply**: For two years during 2011-12 and 2012-13 seasons the Forest Department produced and supplied the seedlings
- Current year, seedlings (Teak & Red Sandals) raised by DWMAs.
- **Package of benefits**: Maintenance costs @ Rs. 50/-, Rs. 30/- and Rs. 21/- per survived plant during 1st, 2nd and 3rd year to the beneficiary.
- A beneficiary is permitted max. 800 plants to plant on his field bunds.
- So far 13.50 crore seedlings were planted in 10 lakh acres belonging to 9.60 lakh farmers
ASSAM, DIGIBOI

**Intervention:**
- Resources pooled from MGNREGA, SGSY and Forest Dept
- Land Provided by Forest Dept
- Implementation & Maintenance by Forest Dept
- To provide employment to local job card holders through plantation works
- To set up Botanical Garden with all 800 species of plants found in Assam.
- To provide resources for students, academicians & environmentalists for education, research and management of conservation of rich floral diversity of Assam.

**Impact**
- Employment generated round the year for local people
- 12655 Mandays generated under MGNREGA
- Rare & endangered species have been conserved.
- Arboretum is emerging as centre of excellence for research, training and awareness.
Gujarat

- **Green ambaji project, Gujarat**
  - Impact of water conservation and plantation in degraded forest land:
  - Due to Enhancing of Water Conservations the level of water and the forestry increased.
  - 8917 Mandays Generated till now by above works
  - The water flow is continue throughout the year so it become a tourist place
  - Two villages & 200 Families got water level up and in 60 Hector land forest came up due to water

- **Nursery Development at Navavas**
  - Production of plant increased from 50,000 to 6.00 lacs
  - Training of J.F.M.C. due to having multipurpose center is done.
  - Durable community asset are establish in Village level.
  - 200 Ha of land covered under Forest, due to this plantation
Karnataka

- **Ramnagar, Karnataka – Sericulture**
  - Convergence with seri-culture dept:
  - Digging pits
  - Sericulture saplings
  - Providing drip irrigation
  - Unit Cost per Acre - Rs.49379

- **Outcome**:
  - Active participation of Farmer in MGNREGA
  - Creation of 1460 Man days throughout the year and continue for 15 years.
  - Gets an additional income of Rs1,24,800 - per Acre/annum.
  - Creates livelihood generating durable assets for 15-20 years
Beneficiary profit for one acre Mulberry plantation under MGNREGA

Production of Cocoons 650 kgs. which is the raw material for the Fabric

Average rate of Rs.320/- per kg. for 650 kgs Cocoon-Rs/208000/-

Expenditure 40% = Cost of Disinfectants for 10 Days, CHAWKI WORMS + Labour Cost + RENT for chandrikas+ Transportation of Cocoons+1% market fee.

Total Income - Rs. 208000

Total Expenditure- Rs.83200

Net Profit- Rs.1,24,800 /annum

Farmer gets Profit Rs.1,24,800 /annum

Employment generation = 4x365 days= 1460 mandays / annum / acre

Compared to Agriculture and Horticulture, Sericulture ensures higher income per unit area.

An average of 1,000 to 1,500 Sericulturists will be covered in one year
Sericulture (Resham)

- 543 Ha Area covered
- 6.85 Crore Expenditure

Field preparation, Pits, Planting, Weeding & Watering - MGNREGS
Sapling, Fertilizer, Pesticide, Drip Irrigation & Sprinkler – Horticulture, NRHM, NRLM, Forestry Deptt.

FY 2013-14

- New Beneficiaries
- Crore Expected Expenditure
Horticulture Development

- 31136 Beneficiaries
- 123.86 Crore Expenditure

Field preparation, Pits, Trenches along Boundary & Watering - MGNREGS
Sapling, Fertilizer, Pestiside & Sprinkler – Horticulture, NRHM, NRLM, Forestry Deptt.

FY 2013-14
- 8320 New Beneficiaries
- 12 Crore Expected Expenditure
Increasing female participation thru Afforestation, UP

**Model Estimate…**
- Total Cost – 65k per ha, 1100 trees per ha, 76:24 ratio...
- Per GP 100 ladies planting 500 trees for 2 days...
- For protection pvt lands chosen, fencing and barricading...

**Process…**
- One month mission for job card inclusion, account opening, estimation, muster rolls...
- Training by Forest Department to staff & beneficiaries...supply through nurseries...

**Execution…**
- IEC campaigning through hard hitting nukkad natak, goshtis...
- ASHAs, ANMs, Anganwadis involved in mobilisation along with female mates...
- Competition among rozgar sevaks...

**Outcome…**
- 100k female mandays created, 5 lakh trees planted, 3 Crore spend achieved.
- Great fillip to Environmental awareness...
- List of women for other works mobilised...

10/29/2013
“MGNREGA + NBA convergence "
Strategies and Approaches to achieve Nirmal Rajasthan – Role of MGNREGA

Based on experience in Jhalawar and Churu
In Rajasthan, the Total Sanitation Campaign was initially launched in 4 districts in 1999 and scaled up in 32 districts in 2005.

School latrine coverage increased from 20.24% (2005) to 89.89% (2011), Angawadies increased from 1.66% (2005) to 57.43% (2011)
Challenges

• However, usage is found low
  – Just 18% (NSSO in 2008-09)
  – Only 20.1% rural population access toilets (Census 2011)
• Just 3% Gram Panchayats have become Nirmal
• Different needs of different places – desert in western Rajasthan to hilly area in southern part - Churu (47.2%) is vastly different from Jhalawar (8.3%)
State Sanitation Policy

Objectives

- Make all rural communities ODF by 2015.
- Access to safe sanitation including SLWM in villages and public places by 2017.
- Ensuring adoption of personal hygiene practices by the community by 2020.
Strategies to increase coverage

• Focus on disadvantages of open defecation to community – health, cultural and social problem
• Construction is easy part, usage is the key
• Construction useful only if done by household itself rather than external agency
• Empowering community by imparting technical know how and training local masons
Demand driven instead of top down supply driven approach
Community Mobilization

- Shame and peer pressure
- Elders and Children are important—parents shall do anything if convinced about the benefits of toilets to next generation
Public Representatives

- Community mobilization has to be led by local leaders, facilitated by government officials
- Recognition to good performing sarpanch – from district level to state level
Role of officials

- It has to become priority number one for administration
- visible demonstration of commitment
Motivators

• An army of motivators required: Swachata Preraks, NGOs, Swachta Doots, ASHA, AWW

• Training in participatory approaches of motivating communities, visual tools of triggering, sanitation technology options etc are essential

• District Resource Group of motivated cadre created
Role of MGNREGA

- Increase in incentive amount, so motivating people is easier
- Apart from BPL, other weaker sections also get covered which is necessary for community led sanitation campaign
- End of contractor raj and dubious NGO, as money directly given to beneficiary after construction of toilet
Advantages

- More sustainable since toilets have to be constructed by beneficiary himself before claiming incentive
- HR and technical expertise of MGNREGA made available to TSC
- Institutional mechanism put in place for MGNREA monitoring helps in checking the misuse of funds
Steps taken for simplification of convergence for IHHL by State

1. **Issuing TS as per model estimate**: -

   Technical sanctions are being issued on the basis of model estimate to save time for issuing Financial Sanction.
2. Simplified Performa for UC/CC and valuation

A simplified Performa for UC/CC and valuation which also works as MB has been developed for early payment.
3. Incentive to Field Functionaries :-

In Rajasthan for making NBA convergence with NREGS as a success following incentive amount is being paid to Field Functionaries as an motivator after declaration of GP as ODF :-

• Gram Rozgar Sahayak - Rs. 50/- Per IHHL
• Technical Assistant - Rs. 25/- Per IHHL
• Block Coordinator - Rs. 2000/- for GP of 300 families.
  - Rs. 3000/- for GP > 300 families.
4. Sanctions of IHHL along with IAY/CMBPL

In Rajasthan about 10 lacs Rural houses of BPL families are being constructed for last three years in IAY/CMBPL Awas yojana and efforts are being made to sanction toilets along with rural houses after convergence of NBA with MGNREGA.
5. Feeding of sanctions and MR’s in MIS:-

Keeping in view huge pendency in feeding of sanctions and muster rolls in MIS the pendency works is permitted through outsourcing.
Other Steps

• Small and marginal farmers identification made easy
• Families living on pasture land and without patta also covered as bulk population in village is of this nature
Outcome

- More than 400 villages have become ODF in last eight months in Churu
- More than 44000 sanctions issued
- More than 13000 MR issued and toilets being constructed
- Number of NBA GPs before initiative – 17; this year alone 50 GPs
Spin Offs...

- Health programs - community issue rather than individual household issue
- MGNREGA is the perfect tool to reach community – 19000 women made literate at MGNREGA worksite
Display board placed at my office to motivate public by leveraging pride of communities and competition.
Display boards to recognize households and GPs
Chokho Churu won as best jhanki on republic day parade
**NBA-MGNREGA, Dindigul (TN)**

<table>
<thead>
<tr>
<th>UNIT COST</th>
<th>AMOUNT RS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central share</td>
<td>3,200/-</td>
</tr>
<tr>
<td>(For Hill &amp; difficult area Rs.3,700/)</td>
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<tr>
<td>State share</td>
<td>2,500/-*</td>
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<tr>
<td>Beneficiary</td>
<td>900/-</td>
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<tr>
<td>Unit cost under NBA</td>
<td>6,600/-</td>
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<tr>
<td>Under MGNREGS</td>
<td>4,500/-</td>
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<tr>
<td>(both skilled labour 6 mandays &amp; unskilled labour 20 mandays)</td>
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</tr>
<tr>
<td><strong>TOTAL COST</strong></td>
<td><strong>11,100/-</strong></td>
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</tbody>
</table>

*Includes additional State Share of Rs.1,100*
Type design provided for
- IHHL with leach pit
- IHHL with septic tank
- IHHL with bath
- ECO SAN toilet

Ready Reckoner and unique NMR provided.

If beneficiary chooses to make IHHL of a superior/bigger dimension, same may be accepted. However payment from MGNREGS and NBA will be restricted to Rs 11,100
# NMR for IHHL

## INDIVIDUAL HOUSEHOLD LATRINE

### MUSTER ROLL

**PHOTO OF THE CONSTRUCTED TOILET WITH THE BENEFICIARY TO BE AFFIXED**

**NMR No.:**

**District:** ..................................................  **Block:** ..................................................

**Panchayat:** ..................................................  **Habitation:** ..........................................

**Beneficiary Name:** .............................................  

**Job Card No.:** ..................................................  **Work order No.:** ..........................................

**Block Development Officer (V.P.),**  
**Village Panchayat President**  
**Union**  
**Panchayat**
# NMR for IHHL

## SKILLED LABOUR

<table>
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<tr>
<th>Sr. No</th>
<th>Date</th>
<th>Name of the Worker</th>
<th>Job Card No.</th>
<th>Signature / Left Thumb Impression</th>
<th>Wage (in Rs.)</th>
<th>Signature of the Worker who received the wage</th>
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<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sub Total**

**Grand Total**

### 1. Total Area of the Toilet ........... Sq. Ft

### 2. Components Constructed:

- Toilet with Sanitary Fittings
- Leach Pit (2 Nos.)
- Septic Tank with soak pit
- Eco - San Structure

**Put ✓ or X Initial**

### 3. Details of work completed under MGNREGS

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Description</th>
<th>Quantity</th>
<th>Skilled</th>
<th>Un-Skilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earthwork</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CC 1.5/10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RR Masonry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Brick Work 1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Fixing 1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Fitted Silt</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total**

### 4. Whether the P - Trap has been properly fixed and the toilet is fully functional? Yes / No

### 5. Details of construction materials provided (Strikeoff what is not applicable):

- Cement ............... Bags
- Sanitary Pan
- Steel Door

**Name and Signature of the Overseer**

### FUND RELEASE ORDER

1. As per the details provided above, Rs. ............. for unskilled labour and Rs. ............. for skilled labour is hereby sanctioned towards the construction of latrine in the household of Mr. / Ms. ................................................................. S/o / W/o.

2. After effecting the deductions of Rs. ............. for the departmental supply of materials, the balance amount of Rs. ............. is hereby sanctioned and the Village Panchayat President is authorised to release the amount to the above beneficiary from Village Panchayat Scheme Fund Account.

**Block Development Officer (V.P), Panchayat Union**

**President, Panchayat**

---

Certified that the construction of the Toilet has been fully completed

Name of the Worksite Facilitator:

Job Card No.:

Signature:

Date:
Type Design for ihhl with leach pit

**Important Notes:**

1. Minimum Plinth Area is 6527 sq.ft.
2. Disposal Methodology (Leach Pit/Septic Tank) may be changed as per the Site Condition/Soil Strata/Water Table Depth/Choice of the Beneficiary.
3. The size of the Leach Pit/Septic Tank may be increased as per the No of Users.
4. Location and positioning of Leach Pit/Septic Tank and Pan can be changed as per the Site Conditions.

### Schedule of Hinges

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Type</th>
<th>Width</th>
<th>Height</th>
<th>Top</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>D</td>
<td>651</td>
<td>1800</td>
<td>1800</td>
<td>35X50, 35X50, Single Leaf</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>D</td>
<td>650</td>
<td>450</td>
<td>1850</td>
<td>Precast Jolly</td>
<td></td>
</tr>
</tbody>
</table>

---

**Department of Rural Development**

<table>
<thead>
<tr>
<th>Table</th>
<th>Size</th>
<th>All Dimension are in m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

Type Design for EHS Without Rate

Plan, Elevation and Section
Type design for IHHL with Septic tank

IMPORTANT NOTES:
1. MINIMUM PLANTED AREA IS 22.27 sq.ft
2. DISPOSAL METHODOLOGY (LEACH PIT/SEPTIC TANK) MAY BE CHANGED AS PER THE SITE CONDITION/SOIL STRATA/WATER TABLE DEPTH/CHOICE OF THE DESIGNER
3. THE SIZE OF THE LEACH PIT MAY BE INCREASED AS PER NO OF TOILET & DETENTION PERIOD
4. LOCATION AND POSITIONING OF LEACH PIT/SEPTIC TANK AND FAN MAY BE CHANGED AS PER THE SITE CONDITION.

SCHEDULE OF REQUIREMENTS

<table>
<thead>
<tr>
<th>SL. NO</th>
<th>TYPE</th>
<th>SIZE</th>
<th>THICKNESS</th>
<th>DESCRIPTION</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>E</td>
<td>750</td>
<td>1800</td>
<td>HEAVY SHEET ROOF</td>
<td>SINGLE LEAF</td>
</tr>
<tr>
<td>2</td>
<td>J</td>
<td>450</td>
<td>1350</td>
<td>PRECAST JOLLY</td>
<td>-</td>
</tr>
</tbody>
</table>
## Ready Reckoner of Labour Component for Construction of IHHL

<table>
<thead>
<tr>
<th>Working Days</th>
<th>Description of Work</th>
<th>Quantity</th>
<th>Unit</th>
<th>Skilled Labours</th>
<th>Un Skilled Labours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day 1</td>
<td>Earth Work Excavation and deposing on bank with initial lead and lift in Hg Soil for foundation etc. complete (Hard Soil)</td>
<td>4.06</td>
<td>m3</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Day 2,3,4</td>
<td>Plain Cement concrete 1:5:10 mix using 40mm ISS metal including all cost and conveyance of all materials to site and all labour charges etc complete</td>
<td>0.38</td>
<td>m3</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Random Rubble CM 1:5 mix using good size stone including cost and conveyance of all materials to site and all labour charges etc complete</td>
<td>0.83</td>
<td>m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Ready Reckoner of Labour Component for Construction of IHHL

<table>
<thead>
<tr>
<th>Day  5 &amp; 6</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Price</th>
<th>Labour Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Brick Work CM 1:5 mix using good country bricks including cost and conveyance of all materials to site and all labour charges etc. complete.</td>
<td>1.78</td>
<td>m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reinforced cement concrete 1:2:4 mix using 20mm ISS metal including cost and conveyance of all materials to site and all labour charges for mixing, laying, complete. (Precast Slab)</td>
<td>5.21</td>
<td>m²</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Day 7,8,9</td>
<td>Plastering with Cement 1:5: 12mm thick including cost and conveyance of all materials to site and all labour charges etc. complete.</td>
<td>21.25</td>
<td>m²</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Day 10</td>
<td>Labour charges for Fixing precast slabs, refilling basement, fixing doors etc.</td>
<td></td>
<td>m²</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td><strong>Say</strong></td>
<td></td>
<td></td>
<td>6</td>
<td>20</td>
</tr>
</tbody>
</table>
Execution of ihhl works

- The Village Panchayat is the implementing agency
- Only job card holders allowed for unskilled work
- Beneficiary must work on his/her IHHL (except Differently Abled, Women HHH and if the age is more than 60)
- The entire IHHL unit will be treated as MGNREG Scheme work and entered in to Asset Register.
- Employment provided details to be entered in MGNREGS register No.3 (Household employment register)
- Each V.Panchayat shall maintain a complete list of all IHHL’s. (whether with MGNREGS Assistance or otherwise)
- The breakup of assistance utilized from NBA & MGNREGS should be shown separately in V.Panchayat asset register.

**No machineries or contractors are allowed**
Role of designated worker (Work site facilitator)

One of the MGNREGS workers of the concerned V.Pt. will be designated to supervise every 15-25 IHHL’s

- Record attendance
- Designated worker to be trained
- Ensuring type design
- To certify the work completion
- NMR to be Maintained
Role of overseer

Once the work is completed, the certified NMR will be handed over to Overseer by designated supervisor.

Measurement to be done

Hand over to BDO(V.P)

Valuation to be prepared and completion certificate given
On getting the NMR, the BDO(V.P) to issue fund release order in duplicate to V.P. (the fund release order should indicate clearly how much amount is to be given to beneficiary from MGNREGS and NBA)

- one copy of release order may be used for processing the payment under NBA and the other copy for MGNREGS
• The V.Panchayat president should make payment to the beneficiary by cheque for the incentive amount under NBA from V.P scheme account No-3 and wages from MGNREGS account based on the pass order of BDO.

• Copies of NMR to be maintained in Village Panchayat and Panchayat Union Office (NBA Section & MGNREGS Section)
Saturation approach

2012-2013 onwards total sanitation scheme was renamed as Nirmal Bharat Abhiyan (NBA) and converged with MGNREGS. The Total Sanitation Scheme was implemented in a wide spread manner since 2003-2004 wherein much success could not be perceived has been modified from the year 2012-2013 onwards to bring about a transformation under the new scheme styled as “Saturation Approach”.

On the Basis of the enumeration taken up in saturation panchayats following target was fixed to construct IHHL

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the District</th>
<th>BPL</th>
<th>Identified APL</th>
<th>SC/ST</th>
<th>SF/MF</th>
<th>LL</th>
<th>DA</th>
<th>Women HHH</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dindigul</td>
<td>8566</td>
<td></td>
<td>2011</td>
<td>4518</td>
<td>419</td>
<td>59</td>
<td>839</td>
<td>16412</td>
</tr>
</tbody>
</table>

Similarly 2791 houses taken up under IAY and 2172 houses under Chief Ministers Solar Powered Green House (CMSPGH) during 2013 – 14 are covered under the MGNREGS convergence IHHL scheme and accordingly the work order issued.

Total works taken up : 21375
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the District</th>
<th>No. IHHLS convergence with NREGAS A.S. Given</th>
<th>BPL</th>
<th>Identified APL</th>
<th>Completed</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SC/ST</td>
<td>SF/MF</td>
<td>LL</td>
</tr>
<tr>
<td>1</td>
<td>Dindigul</td>
<td>21375</td>
<td>2754</td>
<td>498</td>
<td>108</td>
<td>16</td>
</tr>
</tbody>
</table>

The balance works are under various stages and they will be completed by 15.11.2013
IEC Activities
“MGNREGA + other schemes convergence "
Maharashtra

• PYKKA and MGNREGA
• Players : Sports department (PYKKA) and local Panchayat
• Total Project cost : 2.74 Lakhs (MGNREGA) + 1 Lakh (PYKKA)
• Operational details : Funds Converged to meet the mandatory 60:40 condition under MGNREGA
## Payka Stadiums through NREGA, UP

**Model Estimate...**
- Total Cost - 241.660K per acre, 60:40 ratio, converge with PAYKA money, 1023 mandays per acre, 33% female participation...
- 100 stadiums in phase 1...

**Process...**
- Programme implementation thru BOs and Youth Welfare Department
- Converge nce also with Finance Commission money...

**Execution...**
- Earthwork, boundary, running area, levelling, wrestling area, trenching, sand filling etc taken up under NREGA...
- WIP in 49 stadiums...

**Outcome...**
- If target achieved 1 lakh mandays created...2.5 Crore spend...
- Great fillip to Sports activities and youth welfare, more equipments can be purchased under PAYKA...

10/29/2013
**Mahila Ghar ki Roshni, UP**

**Model...**
- A Solar plant worth 13.65k for women...capital subsidy 3.996k thru JNSM...
- To sign up to work for 100 days over two years...supplied after 35 days...

**Execution...**
- 2535 women have signed up already...
- 887 beneficiaries processed by banks...
- Incentive system for Rozgar sevaks as well...

**Model...**
- Linkage through banks like BOI, SBI, AGBV... Beneficiary doesn’t need to pay...
- Plant with two CFL, 1 panel, 1 charger, 1 battery supplied by Tata Power with 5 years guarantee...

**Outcome...**
- If target achieved 175k female mandays created...2.48 Crore spend...
- Great fillip to Renewable energy...
- Many incentive systems can be created...
• **BADF & MGNREGA**
  
  • Constt. Of pond at Bharda Kalan Estt. Cost Rs. 14.00 lacs under BADP & MGNREGA (10+4)Block Akhnoor 2012-13
  
  • Constt. Of pond at Bharda Kalan Estt. Cost Rs. 15.00 lacs under BADP and MGNREGA (10+5)Block Akhnoor 2012-13
  
  • Constt. Of pond at Pangiari Estt. Cost. 14.00 lacs under BADP & MGNREGA (10+4) Block Akhnoor 2012-13
  
  • Constt. Of pond at Rajwal Estt. Cost 10.00 lacs under BADP & MGNREGA (7+3) Block Akhnoor
  
  • Constt. Of pond at Choura Estt. Cost 10.00 lacs under BADP Rs. 7.00 lacs & Rs. 3.00 lacs MGNREGA Block Akhnoor
  
  • Constt. Of Pond at Rajwal under convergence with MGNREGA Rs. Rs. 4.00 lacs +BADP Rs. 8.00 lacs in Block Akhnoor
  
  • Other areas: Construction of lane drains & Fencing and plantation under DIF
Minakshi (Fisheries Activity)

- 1374 Works sanctioned
- 817 completed Works
- 14 Crore Expenditure

Construction of Ponds – MGNREGS
Fingerlings, Manuare, Artificial feedings, purchase of net - Fisheries Deptt.,

FY 2013-14
- New Beneficiaries
- Crore Expected Expenditure
Drinking Water Wells

- 42294 Sanctioned
- 26992 Wells Completed
- 599 Crore Expenditure

Construction of Well – MGNREGS
Pump House & Water Supply line – PHED

FY 2013-14
- 18100 Spill over
- 6530 New Sanctioned
- 150 Cr. Expenditure
Bihar, Bridge Finance through Jeevika

Delay in Payment of Wages

Lack of interest and motivation in workers due to late receipt of wages

- Bridge loan after 7 days of work done to the worker for a period of 3 months
- Bridge Financing support of 80% of actual wage earned
- SHG member repays once she has received wage payment.
SHG Didi actively selecting schemes for Annual Action Plan, In Bihar

<table>
<thead>
<tr>
<th>Individual Work Plans</th>
<th>Noorsarai</th>
<th>Harnaut</th>
<th>Nagarnausa</th>
<th>Rajgir</th>
<th>Sarmera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poultry Shelter</td>
<td>134</td>
<td>66</td>
<td>43</td>
<td>47</td>
<td>29</td>
</tr>
<tr>
<td>Goat Shelter</td>
<td>94</td>
<td>287</td>
<td>76</td>
<td>83</td>
<td>42</td>
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<tr>
<td>Cattle Shed</td>
<td>350</td>
<td>20</td>
<td>55</td>
<td>79</td>
<td>34</td>
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<tr>
<td>Sanitary Toilet</td>
<td>645</td>
<td>515</td>
<td>437</td>
<td>421</td>
<td>576</td>
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<tr>
<td>Farm Pond</td>
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<tr>
<td>Well</td>
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<td>Plantation</td>
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<td>Vermi Compost</td>
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<td>172</td>
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<td>Total</td>
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<td>711</td>
<td>695</td>
<td>769</td>
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