



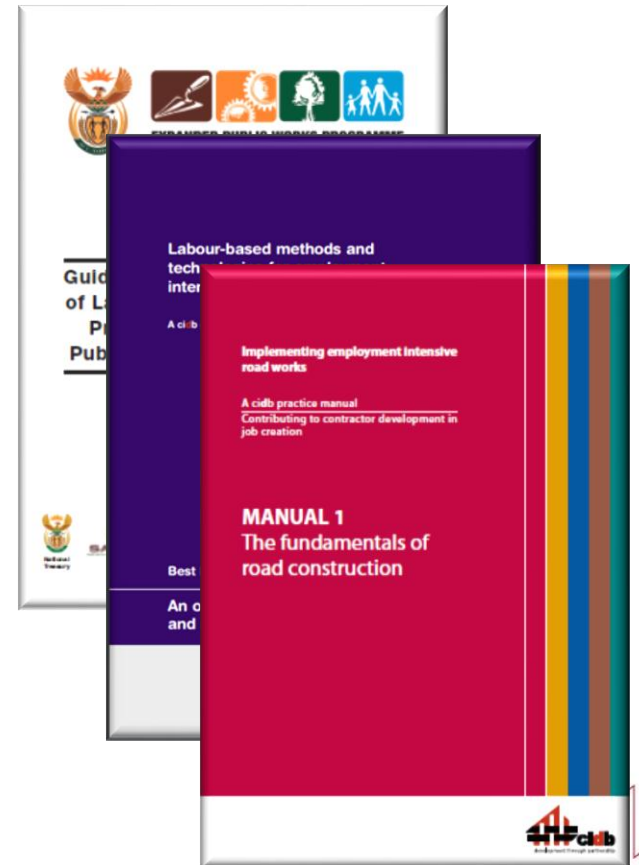
DEVELOPMENT THROUGH PARTNERSHIP

Labour Intensive Construction; Opportunities for Transformation

cidb National Stakeholder Forum
29 March 2016

References

- **DPW Guidelines for the Implementation of Labour-Intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP)**
 - **SANS 1914-5:2002 Standard for targeted labour participation**
- **Labour-based methods and technologies for employment intensive construction works; A cidb guide to best practice**
- **Implementing employment intensive road works; A cidb practice manual**



Labour Intensive Construction (LIC)

- **Labour intensive construction refers to methods of construction:**
 - involving a mix of machines and labour
 - where labour, utilising hand tools and light plant and equipment, is preferred to the use of heavy machines
 - where technically and economically feasible
- **Labour-intensive infrastructure projects under the EPWP include:**
 - using labour intensive construction methods to provide employment opportunities to local unemployed people
 - providing training or skills development to those locally employed workers
 - building cost-effective and quality assets

Opportunities

- **General building is inherently labour intensive**
- **Development and maintenance of municipal services, and in particular within townships with limited infrastructure, offer opportunities for labour intensive construction:**
 - **low-volume roads (typically less than 500 vehicles per day)**
 - **sidewalks and non-motorised transport infrastructure**
 - **stormwater drainage**
 - **trenching**
- **Need exists to upscale and mainstream EPWP and labour intensive opportunities**

Contractor Participation

- **Labour intensive construction:**
 - provides opportunities for participation by small and medium contractors
 - provides opportunities for growth of contractors
 - provides opportunities for local labour
 - often term contracts
 - low plant requirements
 - high supervision requirements

Role of the Professions

- Professions are not adequately skilled in design for labour intensive construction

Cost Effectiveness

- **Constitution:**
 - **Section 217 requires that procurement must be cost-effective**
- **EPWP:**
 - **Guidelines conform to the PFMA requirement for assessing the cost-effectiveness of capital projects**
 - **Normal emphasis on the cost-effectiveness and quality of asset must be retained**

Wage and Task Rates

- **EPWP wage rates subject to Ministerial Determination:**
 - R75.10 per day (maximum 8 hours per day)
- **Bargaining Council for the Civil Engineering Industry:**
 - **Task Grade 1 (general worker); R244.17 per 9 hour day**
 - **Task Grade 4 (construction hand Gr II); R262.80 per 9 hour day**

Conclusions

- **Labour intensive construction is not restricted to EPWP:**
 - **EPWP Guidelines and SANS1514-5 can be specified in contract**
- **Labour intensive construction should be used where technically and economically feasible:**
 - **need to scale up labour intensive construction**
- **Key decisions impacting on labour intensive construction must be recognised early on in the procurement strategy:**
 - **professions need to be trained in labour intensive construction techniques**



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Thank You