



दिल्ली सरकार
प्रमुख अभियंता, लो०नि०वि०,

12वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली: 110002
☎ 23317926, 23724561, 23317520, फैक्स 23766924

Toll Free Complaint No. 1800 11 0093

वेबसाइट: <http://pwd.delhigovt.nic.in>

ई-मेल: pwdhqdelhi@gmail.com/dppwdhqdelhi@gmail.com



सं० प्रमुख अभियन्ता/निदेशक(कार्य)/सीडीडब्ल्यूएम/लोनिवि/2018/5085

दिनांक: 09.08.2018

सेवा में

1. मुख्य अभियंता (उत्तर), लो.नि.वि, 5वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
2. मुख्य अभियंता (दक्षिण), लो.नि.वि, 7वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
3. मुख्य अभियंता (पूर्व), लो.नि.वि, तीसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
4. मुख्य अभियंता (स्वास्थ्य) अनु, लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
5. मुख्य परियोजना प्रबन्धक (शिक्षा) अनुरक्षण, लो.नि.वि, पहला तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
6. परियोजना प्रबन्धक (एफ-1), लो.नि.वि, मुकरबा चौक, जी.टी.करनाल रोड, नई दिल्ली-33।
7. मुख्य परियोजना प्रबन्धक (एफ-2), लो.नि.वि, सराय काले खाँ, रिंग रोड, नई दिल्ली-13।
8. परियोजना प्रबन्धक (एफ-5), लो.नि.वि, भैरोंरोड, टी-जंक्शन, प्रगति पावर स्टेशन, नई दिल्ली।
9. परियोजना प्रबन्धक (स्वास्थ्य), लो.नि.वि, 6वाँ तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
10. मुख्य परियोजना प्रबन्धक (गृह), लो.नि.वि, 13वाँ तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
11. मुख्य परियोजना प्रबन्धक (शिक्षा) परियोजना, लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।
12. परियोजना प्रबन्धक (अन्य), लो.नि.वि, 13वाँ तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली-02।

विषय:- Implementation of "The Construction and Demolition Waste Management Rules-2016" – regarding.

A meeting was taken by the Addl. Secretary, MoUD, on the subject matter to discuss utilization of recycled C&D produce. In the meeting notice, it was clearly mentioned that the officer attending the meeting should come up with definite plan of action for their future requirement of utilization of C&D produce in various construction activities. This office vide O/M No.3833 dated 14.06.2018 had already directed to use C&D waste recycled products hundred per cent for the items like, Non Structural Members, Plain Cement Concrete, road work items like, replacement of footpath tiles, kerb stone, paver blocks, drains and other repairs & maintenance as also maintenance works related to buildings in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in building and road works respectively shall also be applicable in major projects. The reminders and further directions were also issued vide this office letters dated 2.7.2018, 26.7.2018 and 6.8.2018, apart from various orders by PWD & UD Dept., GNCTD in this regard in the past to comply the Construction & Demolition Waste Manage Rules-2016.

During the meeting, the Addl. Secretary, MoHUA clearly stated that this matter is being monitored by PMO and the C&D Waste Management Rules-2016 should be complied without fail as action shall be initiated against the defaulting officers in case they do not comply with these rules even after written orders by the concerned Departments. He also emphasized that the mandatory use of recycled C&D products should clearly be incorporated in the contract documents and provisions should be made that payment of all R/A & final bills shall be made to the contraftors only after verification and certification by the Executive Engineer based on the


invoice issued by the operator of the C&D Processing facility submitted by the contractor along with the bills regarding purchase of the C&D recycled material.

In view of above, the following further directions are issued by this office for strict compliance by the Executive Engineers while issuing NITs:

- a) As already directed vide O/M No. 3833 dated 14.06.2018 that in all Maintenance Contracts upto the level of Executive Engineer, i.e. rupees one crore or less, mandatory use of recycled sand in place of natural sand, recycle aggregate in place of natural aggregate shall be provided in all the items related to maintenance works, like, (i) mortar for plaster & patch repairs, (ii) plain cement concrete (iii) bad mortar for fixing tiles, stones or similar items with same estimated cost as given in DSR-2016.
- b) In road works, all footpath tiles, kerb stones, paver blocks should be purchased through C&D recycled product manufacturers, i.e. M/s IL&ES, who have installed plant as concessioner for MCD.
- c) In project works, the item of PCC should be manufactured from (i) recycled sand as well as aggregate, (ii) screening soil for filling applications in road work and under floor should be used, (iii) manufactured sand should be used in plaster, (iv) concrete blocks, kerb stones, paver blocks to be used in upper areas and footpaths should be manufactured by C&D Waste Recycled Plants.
- d) All Technical Sanctioning Authorities shall issue certificate that they have incorporated the necessary provisions in compliance with Construction & Demolition Waste Rules-2016.

All CEs/CPMs are requested to sensitize their Superintending Engineers as well as Executive Engineers in their Zones/Project Units to comply the above provisions and maintain the data base and send the monthly reports of the compliance to Shri G.P. Bansal, CPM,F-5, who is the Nodal Officer for compiling the information in this regard and sending to the Central Pollution Control Board directly, under intimation to this office, as stated in letter dated 6.8.2018.

This issues with the approval of the Engineer-in-Chief, PWD.


(संजीव रस्तोगी)
निदेशक(कार्य)

प्रतिलिपि:-

1. अतिरिक्त सचिव (डी.एण्ड सी.), भारत सरकार, मंत्रालय आवास एवं शहरी मामलें, निर्माण भवन, नई दिल्ली। लो.नि.वि., लेवल 5, दिल्ली सचिवालय, नई दिल्ली।
2. प्रधान मुख्य अभियंता (अनुरक्षण), लोनिवि, 12वाँ तल, एम.एस.ओ.भवन, नई दिल्ली।
3. प्रधान मुख्य अभियंता (परियोजनाएं), लोनिवि, 9वाँ तल, एम.एस.ओ.भवन, नई दिल्ली।
4. श्री दीपक अग्रवाल, वरिष्ठ उपाध्यक्ष, आई.एल.एण्ड एफ.एस, 4था तल, डा. गोपाल दास भवन, 28, बाराखम्भा रोड, क्नाट प्लेस, नई दिल्ली-01.
5. श्री जी.पी. बंसल, मुख्य परियोजना प्रबन्धक (एफ-5), लो.नि.वि. (दि.स.), भैरों रोड टी-जन्कशन, प्रगति पावर स्टे. के पास, रिंग रोड, नई दिल्ली-02 को सूचनार्थ हेतु प्रेषित।
6. सभी अधीक्षण अभियन्ता, लो.नि.वि. (दि.स.), नई दिल्ली को सूचनार्थ एवं आवश्यक कार्रवाई हेतु।
7. सभी कार्यपालक अभियन्ता, लो.नि.वि. (दि.स.), नई दिल्ली को सूचनार्थ एवं आवश्यक कार्रवाई हेतु।

(निदेशक(कार्य)



दिल्ली सरकार

कार्यालय प्रमुख अभियंता, लो0नि0वि0,
12वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली: 110002
☎ 23490260, 23724560, 23311293 फैक्स 23319021
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ई-मेल: pwdhqdelhi@gmail.com/dppwdhqdelhi@gmail.com



सं0:प्रमुख अभि./निदेशक/कार्य/सीडीडब्ल्यूएम/लोनवि/2018/4966 दिनांक:06.08.2018
सेवा में

1. मुख्य अभियंता (उत्तर), लो.नि.वि, 5वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
2. मुख्य अभियंता (दक्षिण), लो.नि.वि, 7वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
3. मुख्य अभियंता (पूर्व), लो.नि.वि, तीसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
4. मुख्य अभियंता (स्वास्थ्य) अनु. लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
5. मुख्य परियोजना प्रबंधक (शिक्षा) अनुरक्षण, लो.नि.वि, पहला तल, बहु-मंजिला भवन, नई दिल्ली
6. परियोजना प्रबंधक (एफ-1), लो.नि.वि, मुकरबा चौक, जी.टी.करनालरोड़, दिल्ली-33
7. मुख्य परियोजना प्रबंधक (एफ-2), लो.नि.वि, सराय काले खां, रिंगरोड़, दिल्ली-13
8. परियोजना प्रबंधक (एफ-5) लोनवि, भैरोंरोड़, टी-जंकशन, प्रगति पावर स्टेशन, नई दिल्ली
9. परियोजना प्रबंधक (स्वास्थ्य), लोनवि, 6वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
10. मुख्य परियोजना प्रबंधक (गृह), लोनवि, 13वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली
11. मुख्य परियोजना प्रबंधक (शिक्षा) परियोजना, लोनवि, दूसरा तल, एमएसओ भवन, नई दिल्ली
12. परियोजना प्रबंधक (अन्य), लोनवि, 13वां तल, एमएसओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली

विषय:- Implementation of "The Construction and Demolition Waste Management Rules 2016" - regarding.

संदर्भ:- अतिरिक्त निदेशक, केन्द्रीय प्रदूषण नियंत्रण बोर्ड का पत्र संख्या बी-310013/72/2018-19/यूपीसीडी-1/3602 दिनांक 24.07.2018 ।

Please find enclosed a letter received from Central Pollution Control Board on the subject matter vide which it is pointed out that as per Rule 9(4) of "The Construction and Demolition Waste Management Rules, 2016" wherein it is mentioned to make the provision of use of materials made from construction and demolition waste (upto 20%) in construction activities undertaken by Local Authorities and Executive agencies. Central Pollution Control Board has requested to confirm that particular terms and conditions have been incorporated in the contract of work being awarded by PWD. Central Pollution Control Board also requested to provide information on the quantity of the procured construction and demolition waste during financial year 2017-18 with the relevant documents such as bill/ invoice raised by any waste processor.

In this regard, it is to intimate that this office vide office letter of even No.4184 dated 02.07.2018 and OM No.3833 dated 14.06.2018 has requested to use C&D Waste Recycled Products 100% for the items like non-structural members, Plain Cement Concrete and road works i.e. replacement of footpath tiles, kerb stones, paver blocks, drains and other repair & maintenance in building works in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in buildings & road works respectively, shall also be complied in major projects. It was also requested to maintain database obtaining monthly report from the field units.

For approval of Encl

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Sh. G.P. Bansal, CPM, F-5 is nominated as a Nodal Officer for compiling the information in this regard and send to Central Pollution Control Board directly under intimation to this office.

यह पत्र प्रमुख अभियंता की अनुमति से जारी किया जाता है।

संलग्न:—उपरोक्तानुसार

(संजीव रस्तोगी)
निदेशक (कार्य एवं स्थापना)

प्रतिलिपि:—

1. प्रधान मुख्य अभियंता(अनुरक्षण),लोनवि,12वाँ, तल,एम.एस.ओ.भवन,आई.पी.एस्टेट,नई दिल्ली
2. प्रधान मुख्य अभियंता(परियोजनाए),लोनवि, 9वाँ तल,एम.एस.ओ.भवन,आई.पी.एस्टेट,नई दिल्ली

(संजीव रस्तोगी)
निदेशक (कार्य एवं स्थापना)



दिल्ली सरकार

कार्यालय प्रमुख अभियंता, लो०नि०वि०,

12वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली: 110002

☎ 23490260, 23724560, 23311293 फ़ैक्स 23319021

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ई-मेल: pwdhqdelhi@gmail.com/dppwdhqdelhi@gmail.com



सं०:प्रमुख अभि./निदेशक/लोनिवि/कार्य/सीडीबल्यूएम/2018/4184

दिनांक:02.07.2018

सेवा में

1. मुख्य अभियंता (उत्तर), लो.नि.वि, 5वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
2. मुख्य अभियंता (दक्षिण), लो.नि.वि, 7वां तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
3. मुख्य अभियंता (पूर्व), लो.नि.वि, तीसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
4. मुख्य अभियंता (स्वास्थ्य) अनु.लो.नि.वि, दूसरा तल, बहु-मंजिला भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
5. मुख्य परियोजना प्रबंधक (शिक्षा) अनु.लो.नि.वि, पहला तल, बहु-मंजिला भवन, नई दिल्ली।
6. परियोजना प्रबंधक (एफ-1), लो.नि.वि, मुकरबा चौक, जी.टी.करनालरोड़, दिल्ली-33।
7. मुख्य परियोजना प्रबंधक (एफ-2), लो.नि.वि, सराय काले खां, रिंगरोड़, दिल्ली-13।
8. परियोजना प्रबंधक (एफ-5) लोनिवि, भैरोंरोड़, टी-जंकशन, प्रगति पावर स्टेशन, नई दिल्ली।
9. परियोजना प्रबंधक (स्वास्थ्य), लोनिवि, 6वां तल, एम.एस.ओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
10. मुख्य परियोजना प्रबंधक (गृह), लोनिवि, 13वां तल, एम.एस.ओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।
11. मुख्य परियोजना प्रबंधक (शिक्षा) परियोजना, लोनिवि, दूसरा तल, एम.एस.ओ भवन, नई दिल्ली।
12. परियोजना प्रबंधक (अन्य), लोनिवि, 13वां तल, एम.एस.ओ भवन, इंद्रप्रस्थ संपदा, नई दिल्ली।

विषय:-Utilization of recycled C&D product-status.

In continuation to this Office Memorandum dated 14.06.2018 (copy enclosed), vide which it was decided to use C&D Waste Recycled Products 100% for the items like non-structural members, Plain Cement Concrete and road works i.e. replacement of footpath tiles, kerb stones, paver blocks, drains and other repair & maintenance in building works in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in buildings & road works respectively, shall also be complied in major projects.

The minutes of meeting of MoHUA dated 26.06.2018 are also enclosed in this regard. Vide this minutes of meeting, it is desired to maintain data base by obtaining monthly return from field units. However, it is requested to comply the above referred OM and send the monthly return for use of C&D Recycled Waste in the works started after 01.07.2018.

This issues with the approval of Engineer-in-Chief, PWD.

संलग्न उपरोक्तानुसार।

(संजीव रस्तोगी)

निदेशक (कार्य एवं स्थापना)

प्रतिलिपि:-

1. प्रधान मुख्य अभियंता (अनुरक्षण), लोनिवि, 12वां तल, एम.एस.ओ. भवन, आई.पी.एस्टेट, नई दिल्ली
2. प्रधान मुख्य अभियंता (परियोजनाएं), लोनिवि, 9वां तल, एम.एस.ओ. भवन, आई.पी.एस्टेट, नई दिल्ली।

निदेशक (कार्य एवं स्थापना)

OFFICE MEMORANDUM

Construction & Demolition (C&D) Waste Management processing facilities are available in the NCT of Delhi at Burari, Shastri Park and Mundka with a combined capacity of more than 250 MT/day for effective management of such waste.

IS:383-2016 has now permitted to use of recycled aggregates (RA) and recycled concrete aggregate (RAC) produced from other than the natural resources for using in plain and reinforced concrete. These changes have been incorporated in CPWD specifications vide OM No. DG/Specification/C&D/08 dated 07.03.2016.

Ministry of Environment Forest and Climate Change has notified C&D Waste Management Rules - 2016 and circulated vide No.DG/CON/Misc/04 dated 23.01.2017 for necessary action by the field units.

The advisory and the orders to use 2% & 10% C&D recycled products of recycled materials in building & road works respectively have already been issued by the GNCTD as well as PWD, but the same are not complied with in absence of availability and assurance of quality of recycled materials from the C&D Waste Recycling Plant owners. Now, North MCD assured that these recycled materials are available and they are in a position to cater to the requirement of construction agencies in GNCTD along with quality assurance of these recycled materials.

With a view to ensure maximum utilization of C&D waste in the construction activities, it is decided that PWD, GNCTD shall utilize 100% (one hundred percent) recycled materials for the items like non structural members, Plain Cement Concrete and road works i.e. replacement of footpath tiles, kerb stones, paver blocks, drains and other repair & maintenance in building works in contracts upto the level of Executive Engineer, i.e. rupees one crore or less. The orders to use 2% & 10% C&D recycled products of recycled materials in building & road works respectively, shall also be complied in major projects.

The C&D Waste recycled products like manufactured sand shall be used for filling under floors, plaster as well as road works whereas the recycled aggregates of size upto 75mm can be used for subbase applications and footpath tiles, kerb stones and paver blocks in road work subject to quality control and meeting relevant standards and specifications.

The suitable clauses and items of recycled products shall be incorporated in the contract documents like payment of bills to the contractors for civil works only after the verification & certification by the Executive Engineer based on the invoice issued by the operator of the C&D processing facility submitted by the contractor along with the bills regarding purchase of the C&D recycled materials by the NIT approving authority.

This issues with the approval of the Engineer-in-Chief, PWD.

(अजय रिछारिया)
उपनिदेशक (कार्य)

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