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No: CE / R&B/GL-RC/3/2018

Dated : 24-09-2020

## CIRCULAR

Sub: PWD – Guidelines for road cutting by open trenching and HDD method–reg

Ref- This office Circular No CE /R&B/GL-RC/2/2019 dated 30-03-2019

The road cutting permissions are being given by collecting restoration charges and Security deposit from different agencies. But various representations are being received stating that non uniform rates are being charged from various divisions for road cuttings using open trenching and HDD cutting methods.

Vide reference cited above, the rates for road cutting for various types of road surfaces per unit area have been fixed. These rates shall be revised from time to time by this office. The rates published vide reference cited are inclusive of cost index, GST and centage charges. For open trenching and in the case of open pits for HDD cutting the restoration width should be calculated as 1.5 times the actual trench width, subject to a minimum of 1 metre for bituminous surfaces.

As per clause 39 of GO(Rt) No 30/2018/PWD dt 05-01-2018, in case of cutting permission granted to roads under DLP, the responsibility of the existing DLP will be shifted from the earlier contractor to the agency which carries out the road cutting. The trenching in the roads under DLP has to be avoided to the maximum extent to avoid the damages to newly constructed roads. But in inevitable situations where cutting permission has to be provided, a Security Deposit has to be remitted from the cutting agency to the Department to ensure the restoration of the road, since the original contractor is relieved from his DLP for that stretch. Also this SD should be for the entire width for roads with carriage way width upto 5.5m and for half width in cases where the carriage way width is higher for maintaining the road in good condition(which would have been carried out by the original contractor if the cutting was not done).

In cases, where the restoration is carried out by the agencies itself, a Security Deposit for the restoration work carried out has to be remitted as guarantee against improper restoration.

Also the agencies shall remit a supervision charge of 2.5% of the restoration amount of the cutting portion in the Revenue head of PWD Roads(1054-00-800-97-other items).

Vide Ir No PWD –H1/192/2018/PWD, Government has informed that it shall not be appropriate to entrust the restoration works to KSEB and hence this shall be avoided.

For HDD cutting method the restoration rates shall be applicable for the area of open pits only. But due to the drilling beneath the road surface, damages have been reported to the pavement and other underlying utilities by various field officers. Hence for the length of drilling, a security deposit corresponding to the restoration rate for one metre width of the drilling length may be remitted as Security Deposit. In all the above cases, there shall be a MoU between the useragency and PWD as per the GO(Rt) No 684/09/PWD dt 27-05-2009 and tripartite agreement in case of AMRUT projects as per GO(Rt) No. 756/2019/PWD dt 20-06-2019.

The norms for collection of restoration charges and security deposit in various cases are summarised below:

### **NORMS FOR RESTORATION CHARGES FOR DIFFERENT ROAD CUTTING**

#### **A. FOR OPEN TRENCHING (The width for restoration shall be taken as 1.5 times the actual cut area in all cases)**

<b><u>Restoration by PWD</u></b>	
a. Roads without DLP	Restoration charges as per this office circular to be remitted.
b. Roads with DLP	Restoration charges as per this office circular to be remitted. & Security Deposit @ 10% in the form of TSD/BG of the total restoration charges for the length of trenching done and corresponding to entire width (for carriage way width upto 5.50m) or half width (if carriage way width > 5.50m); valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later
<b><u>2. Restoration by Other Agencies</u></b> (Agencies shall remit a supervision charge of 2.5 % of the restoration amount for the cutting portion in the Revenue head of PWD Roads -1054-00-800-97-other items)	

<b>a. Telecom Companies -</b>	
i) Roads without DLP -	Security Deposit @ $1/3^{\text{rd}}$ of restoration charges as TSD/BG valid upto 28 days after the end of DLP of restoration work. (As per G.O. (Ms)No.25/2018 /ITD, Dtd: 11/10/2018)
ii) Roads with DLP	Security Deposit @ $1/3^{\text{rd}}$ in the form of TSD/BG of the total restoration charges for the length of trenching done and corresponding to entire width (for carriage way width upto 5.50m) or half width (if carriage way width > 5.50m); valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later
<b>b. Governmental agencies - KWA, AMRUT projects</b>	
i) Roads without DLP -	Security Deposit @ 10% of restoration charges as TSD/BG valid upto 28 days after the expiry of restoration work DLP.
ii) Roads with DLP	Security Deposit @ 10% in the form TSD/BG of the total restoration charges for the length of trenching done and corresponding to entire width (for carriage way width upto 5.50m) or half width (if carriage way width > 5.50m); valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later
<b><u>3. Special Projects(Such as Indian Oil Adani Gas pipeline project for which rates are fixed as per G.O. (Rt)No.1806/2017/PWD, Dated: 02/12/2017)</u></b>	
a. Roads without DLP	Security Deposit @ 10% of restoration charge as BG as security for one year as per GO (Ms) No 69/2017/PWD dt 12-12-2017
.b. Roads with DLP	Security Deposit @ 10% in the form BG of the total restoration charges for the length of trenching done and corresponding to entire width (for carriage way width upto 5.50m) or half width (if carriage way width > 5.50m); valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later

## **B. FOR HDD METHOD**

<b><u>1. Restoration by PWD</u></b>	
a. Roads without DLP	<p>Open pit full area restoration charge (restoration rates should be calculated for 1.5 times the pit area)</p> <p style="text-align: center;"><b>&amp;</b></p> <p>Security Deposit @ 10% in the form TSD/BG of the restoration charges for the length of underground drilling and corresponding to a width of 1m, valid upto 28 days after the end of DLP of road restoration work</p>

b. Roads with DLP	Open pit full area restoration charge (restoration rates should be calculated for 1.5 times the pit area)  & Security Deposit @ 10% in the form TSD/BG of the total restoration charges corresponding to total length of open pits and underground drilling and for entire width (for carriage way width upto 5.50m) or half width (if carriage way width > 5.50m) valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later
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**Restoration by Others**

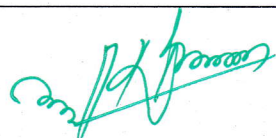
***(Agencies shall remit a supervision charge of 2.5 % of the restoration amount for the pit area as supervision charges in the Revenue head of PWD Roads(1054-00-800-97-Other items).***

**1. Restoration by Telecom Company**

a. Roads without DLP	Security Deposit @ 1/3 <sup>rd</sup> of [restoration charge of open pit area + restoration charges for a width of 1m corresponding to underground drilling length] as BG/TSD, valid upto 28 days after the end of DLP of restoration work
b. Roads with DLP	Security Deposit @ 1/3 <sup>rd</sup> in the form TSD/BG of the total restoration charges corresponding to total length of open pit and drilling and for entire width (for carriage way width upto 5.50m) or half width (if carriage way > 5.50m) valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later

**2. Special Projects(Such as Indian Oil Adani Gaspipeline project (Rates are fixed as per G.O. (Rt)No.1806/2017/PWD, Dated: 02/12/2017, but HDD norms not included)**

a. Roads without DLP	Security Deposit @ 10% of [restoration charge of open pit area + restoration charges for a width of 1m of underground drilling length] as BG/TSD, for one year as per GO (Ms) No 69/2017/PWD dt 12-12-2017
b. Roads with DLP	Security Deposit @ 10% in the form TSD/BG of the total restoration charges corresponding to total length of open pit and drilling and for entire width (for carriage way width upto 5.50m) or half width (if carriage way > 5.50m) valid upto 28 days after the end of DLP of road restoration work or the original work whichever is later



**Chief Engineer**