



GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
RAILWAY BOARD

2017/Track-III/TK/13

New Delhi, dated 28.01.2023

Principal Chief Engineer,  
North Western Railway, Jaipur  
Western Railway, Mumbai  
Northeast Frontier Railway, Guwahati

**Sub:- Works contract for Track maintenance & renewal by Track machines.**

Considering the future growth of traffic and track infrastructure, track renewals and track maintenance need to be fully mechanized at the earliest. It has been decided to start pilot projects on track renewals and maintenance on IR with track machines owned, operated and maintained by contractors. Such contract needs to have appropriate clause for compensation to contractor in case of no / inadequate block and / or denial of path for movement.

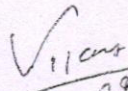
In this perspective the Contracts may be entered upon considering the following aspects:

- i) As the upfront capital cost of such a complement of track machines is high and the proposed track works have safety implications as well, to succeed in the contracts, tender conditions must be drafted carefully with due consultations.
- ii) Traffic Department is required to ensure that the required traffic blocks, paths and other traffic facilities are made available to such privately owned track machines so that the outputs of contracts are deterministic and consequent financial costs are offered realistically. In case of denials / inadequate traffic blocks in comparison to the agreed blocks and in case of detentions of track machines for want of path etc., suitable compensation needs to be provided. It has been agreed that such assurances could initially be given in zones of relatively lighter traffic, such as NWR, WR & NFR to start with.
- iii) A model tender document needs to be followed by every zone.

For track renewal and maintenance, full complements of track machines are required on every worksite. The complement is enclosed as Annexure-A. A draft Tender document in this regard is also enclosed, which may please be studied and suggestions may please be shared positively in the next 10 days.

PCEs of NWR, WR and NFR are requested to direct concerned CE/TMCs for urgent necessary action on the subject.

DA : as above

  
28/11/2023  
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The Complement of Track machines are as under :

**(A) Track renewals**

1. One (01) Track Renewal Train TRT or similar Track Machines of high output
2. One (01) Ballast regulating machine BRM
3. One (01) Work Site Tamper WST
4. One (01) Dynamic Track Stabilizer DTS

**(B) Ballast renewal**

1. Ballast Cleaning Machine BCM
2. Muck Disposal Unit MDU
3. Ballast regulating Machine BRM
4. Work Site tamper WST
5. Dynamic Track Stabilizer DTS

**( C ) Planned Track Maintenance**

**(I) Rail Grinding**

1. 1mainline RGM,
2. 2 Switch rail Grinder,
3. 1 Rail Inspection Vehicle RIV

**(II) Track Tamping –**

- 1.High Output Tamping cum stabilization machine (HOTS-3X)
2. Point and Crossing Tamping with stabilization (PCT 4S with stabilizer)

**(III) Shoulder Ballast cleaning**

- 1.Shoulder Ballast Cleaning Machine SBCM
- 2.Muck Disposal Unit MDU
3. Ballast regulating Machine BRM

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