



SOUTH CENTRAL RAILWAY
OFFICE OF THE PRINCIPAL CHIEF ENGINEER
5TH FLOOR, RAIL NILAYAM, SECUNDERABAD - 500071

No: SCR-HQ0ENGG(SOR)/18/2019-Dy CE/WORKS/SCR

Dt: 26.02.2020.

ENGINEERING STANDING ORDER NO.84

Sub: Guidelines on adoption of CPWD Delhi Schedule of Rates -2018 on S. C. Railway

Ref: Railway Board letter No. 2019/CE-I/USSOR/W&M/I dt 26.11.2019.

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1. Railway Board vide letter under reference advised to adopt
 - a. CPWD Delhi Schedule of Rates 2018 (DSR Vol.1, DSR Vol.2), DSR –Horticulture and Landscaping, Analysis of Rates for DSR (AOR-Vol.1, AOR Vol.2) and CPWD specifications Vol.1, Vol.2 for execution of all civil engineering works related to Building Work, Road Works and Horticulture works etc.
and
 - b. Indian Railways Unified Standard Schedule of Rates (IR USSOR – 2019) for Bridge works, Formation works and P.Way works with Indian Railways Unified standard Specifications (Earthwork in Cutting and Embankment, Bridge Works and P.Way Works, IRUSS – 2019).
2. Accordingly, S. C. Railway USSOR is prepared for Formation works, Bridge works and P.Way works based on the IRUSSOR software programme furnished by Railway Board and shall come into force from 01.03.2020.
3. In case any Estimate and Tender involves both CPWD DSR items and Railway USSOR items, both shall not be clubbed in one schedule and made in separate schedules so that the tenderers can quote separate percentages below/at par/above the respective schedule amounts.
4. The following guidelines are issued for using CPWD DSR 2018.
 - i. CPWD DSR – 2018 (Delhi Schedule of Rates) and CPWD specifications – 2019 (or latest) shall be used for all works related to Building Works, Road Works and Horticulture works and other miscellaneous works w.e.f 01.03.2020 with latest correction slips issued from time to time by CPWD.
 - ii. The CPWD documents DSR-2018 (Vol.1,DSR Vol.2), DSR –Horticulture and Landscaping), CPWD specifications - 2009 (Vol.1, Vol.2) are uploaded by Railway Board on Civil Engineering Directorate webpage of Ministry of Railways at the following link:
http://indianrailways.gov.in/railwayboard/view_section.jsp?lang=0&id=0,1,304,366,526,2240
The correction slips issued for DSR 2018 from time to time shall be uploaded on SCR website by this office as and when issued by CPWD.
 - iii. DSR 2018 shall be adopted for all estimates and related tenders w.e.f. 01.03.2020. The amount arrived shall be moderated by applying a factor based on “Building Cost Index” being published by local Zonal CPWD offices periodically covering different places in their jurisdictions as detailed in subsequent Paras.

- iv. This Cost Index shall be circulated by SCR Headquarters office to divisions as and when published by CPWD local offices. BCI published by local Zonal offices of CPWD for the city where the divisional headquarter is located/ nearest place to divisional headquarter shall apply to different divisions of South Central Railway as under.

Table – 1

Division	Published by
Secunderabad and Hyderabad divisions	Chief Engineer's Office, South Zone II - Hyderabad.
Vijayawada and Guntur divisions	Chief Engineer's Office, South Zone – VI, Vijayawada
Guntakal division	Chief Engineer's Office, South Zone – VI, Vijayawada
Nanded Division	Chief Engineer's Office, West Zone, Nagpur

- v. The Building cost index corresponding to DSR 2018 is 118 with reference to CPWD Plinth Area Rates 2012 having base as 100 as on 01.10.2012. Latest Building Cost Index published by CPWD local offices for the places indicated in Table – 1 (based on CPWD Plinth Area Rates 2012 having base as 100 as on 01.10.2012) and applicable to different divisions at the time of preparing of estimates or tenders, shall be used for calculation of Moderation factor and moderated values detailed as shown below:

Table - 2

Sl. No	Description	Value	Example
1.	Estimate / Tender amount arrived based on DSR 2018 items rates.	A	1,00,000
2.	BCI corresponding to DSR 2018 (Fixed index for DSR 2018)	118	118
3.	BCI applicable at the time of preparing of Estimate/Tender (Published by Zonal CPWD as in Para 4 (iv))	B	Say 128
4.	Moderation Factor i.e. Factor of Escalation(+)/De-escalation(-) (in %) say 'F'	$F = (B-118)*100/118$	$F=(128-118)*100/118$ $= 8.47\%$
5.	Moderated value of Estimate / Tender amount	$A +(A * F/100)$	1,00,000 + (1,00,000 * 8.47/100) =108470

Note: Cost Index of DSR and local applicable BCI to be adopted will have same time base in all cases which is at present CPWD Plinth Area Rates 2012 having base as 100 as on 01.10.2012 and the same shall be used till such time further instructions are issued from headquarters to use BCI with any other base year.

- vi. No factors other than Moderation Factor (F) as above shall be applied for Estimate/Tender value, unless communicated by HQ otherwise.

- vii. This BCI is not being applied on DSR rates for Horticulture and Landscaping works by CPWD. Hence, shall not be adopted in Railways also for these works.
- viii. Only the rates of CPWD DSR-2018 corrected with Moderation factor will be used for preparation of estimates and tender schedules. For all other purpose of contract management, IRGCC-2019 shall be applicable with all correction slips issued by competent authority from time to time. However, for DSR items, latest Specifications of CPWD shall be applicable.
- ix. Regarding evaluation of the tenders for schedules of Building and Road works made with CPWD DSR in tenders, Railway Board advised as under:
“Since adoption of CPWD DSR on Indian Railways is a new exercise, Railways may also consider the Last Accepted Rates of CPWD for similar works for evaluation of railway tenders, till sufficient LARs with CPWD DSR for railway works are available”.
- x. The units shall not take any such decision on its own arising out of any doubt/ for want of clarification in respect of CPWD DSR, any procedure compliance, etc. This shall promptly be communicated to HQs for further guidance.
- xi. These guidelines are issued with the approval of headquarter finance.



(K. V. Sivaprasad)
Principal Chief Engineer.

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DRM/SC, BZA, GTL, HYB, GNT & NED
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