

(भारत सरकार) **GOVERNMENT OF INDIA**
(रेल मंत्रालय) **MINISTRY OF RAILWAYS**
(रेलवे बोर्ड) **RAILWAY BOARD**

2023/GS/SIG./Typical Abstract Estimate
(C.No.3417115)

New Delhi, dtd.31.12.2024

**General Manager,
Indian Railways**

Subject: Price estimation for preparation of DPR for Signaling works

Ref: 2023/GS/SIG./Typical Abstract Estimate (C.No.3417115), dtd.01.05.2023.

Vide above reference, normative cost estimation for major signalling works was issued.

2. Accordingly, to streamline the estimation of S&T works in DPR preparation, approximate price for signalling works have been revised and are as under:

S. No.	Type of Signalling Work	Key Elements	Approximate Cost in Rs
1	Provision of Double Distant	Signalling Cable, ELB with Sliding Boom, RCC Duct, Fire detection system, Fuse failure Alarm, Data logger RTU.	70.0 Lacs per station/location
2	Interlocking of Mid-Section LC Gate with double distant signal.	Building/Gumtee, AT, IPS, Signalling Cable, ELB with Sliding Boom, RCC Duct, Fire detection system, Fuse failure Alarm, Data logger RTU.	1.33 Cr per gate
3	Provision of Automatic Block Signalling (ABS)	EI, Building/Gumtee, AT, IPS, Digital Axle counter with design redundancy, Signalling Cable, Quad/OFC, ELB with Sliding Boom, RCC Duct, Fire detection system, Fuse failure Alarm, Data logger RTU.	1.36 Cr/Rkm
4	Provision of Intermediate Block Signalling (IBS)	Building/Gumtee, AT, BPAC, IPS, Digital Axle counter with design redundancy, Signalling Cable, Quad/OFC, ELB with Sliding Boom, RCC Duct, Fire detection system including air aspiration type for Relay Room, Fuse failure Alarm, Data logger RTU.	4.39 Cr per IBS
5	Provision of EI on 2 Road Stn. Single Line	Building, AT, BPAC, IPS, Axle counter in parallel with DC track Circuit, Signalling Cable, Quad/OFC, ELB with Sliding Boom, RCC Duct, Fire detection system, Fuse failure Alarm, RDPMS, Data logger RTU, AC for relay room.	9.70 Cr per station (This includes cost of ₹1.48 Cr for station building)
6	Provision of EI on 3 Road Stn. on Single Line		11.02 Cr per station (This includes cost of ₹1.48 Cr for station building)
7	Provision of EI on 4 Road Stn. on Double Line		13.10 Cr per station (This includes cost of ₹1.48 Cr for station building)
8	Provision of EI on 5 Road Stn. On Double Line.		14.48 Cr per station (This includes cost of ₹1.48 Cr for station building)

I/3113400/2024

Note:

- i. Station building has been considered as per RB Letter No. 2024/I & Trans. Cell/SOCC Dt. 21.06.2024.
- ii. Above prices are inclusive of extant taxes and Dept. charges.
- iii. Schematic of Signaling works shall be finalised by Zones in accordance with site requirements and extant guidelines.
- iv. Cable duct shall be as per extant guidelines.

3. The above rates are approximate and should be adopted for preparation and appraisal of DPRs/abstract estimates and not for any other purpose. In other cases, actual cost should be taken into consideration.

This issues with the approval of Associate Finance and approval of Board (MI).

(Jonal Chaudhary)
DIR/GS/S&T
Railway Board

Copy to:

1. PCSTE, All Indian Railways for information & N/A.
2. PFA, All Indian Railways for information & N/A.
3. CAO/C, All Indian Railways for information & N/A.

for Member (Finance)/ Railway Board