भारत सरकार Government Of India
रेल मंत्रालय Ministry Of Railways
(रेलवे बोर्ड) (Railway Board)

No. 2007/CE-I/CT/18/Pt 13 **New Delhi, dated 02.05.2014**

To,
As per list attached

Sub : Addendum & Corrigendum Slip (ACS) no. 6 to GCC, July 2013 : Amendment to Clause 46A.7 (a sub-clause of PVC) to GCC.

Ref : Railway Board's letter no. 2007/CE-I/CT/18 Pt.19, dated 14.12.2012.

The Competent Authority in Railway Board has decided to make following changes in Clause 46A.7 (a sub-clause of Price Variation Clause) to IR's General Conditions of Contract (GCC) :

Description, as circulated vide Board's letter under reference	**Revised Description**
Fo : Index Number of Wholesale Prices - By Groups and Sub-Groups for Fuel, Power, Light and Lubricants as published in the R.B.I. Bulletin for the base period	F_B : Index Number of Wholesale Prices- By Groups and Sub-Groups for Fuel and Power as published in the R.B.I. Bulletin for the base period
F : Index Number of Wholesale Prices- By Groups and Sub-Groups for Fuel, Power, Light and Lubricants as published in the R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration	F_Q : Index Number of Wholesale Prices- By Groups and Sub-Groups for Fuel and Power as published in the R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
Wco : Index No. of Wholesale Price of sub-group (of Cement) as published in RBI Bulletin for the base period	C_B : Index No. of Wholesale Price of sub-group (of Cement & Lime) as published in R.B.I. Bulletin for the base period
Wc : Index No. of Wholesale Price of sub-group (of Cement) as published in RBI Bulletin for the average price index of the 3 months of the quarter under consideration	C_Q : Index No. of Wholesale Price of sub-group (of Cement & Lime) as published in R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration

C :	RBI wholesale price index for cement for the month which is six months prior to date of casting of foundation	C_S :	R.B.I. wholesale price index for Cement & Lime for the month which is six months prior to date of casting of foundation
Co :	RBI wholesale price index for cement for the month which is one month prior to date of opening of tender	Co :	R.B.I. wholesale price index for Cement & Lime for the month which is one month prior to date of opening of tender

2. Further, various legends mentioned in the PVC formulae, used in Clause 46A.7 have also been reorganized for better understanding by the users in the field.

3. Accordingly, the revised Clause 46A.7 (ACS no. 6 to GCC) is enclosed herewith.

4. This issues with the concurrence of the Finance Directorate of the Ministry of Railways.

DA : As above

02/05/14

(आलोक कुमार)
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No. 2007/CE-I/CT/18/Pt 13 **New Delhi, dated 02.05.2014**

Copy forwarded for information to :

(i) FA&CAO, All Indian Railways.

(ii) The Principal Director of Audit, All Zonal Railways.

(iii) Dy. Comptroller and Auditor General of India (Railways), Room no. 224, Rail Bhavan, New Delhi (with 46 spare copies)

For Financial Commissioner / Railways

LIST

1. General Managers, All Indian Railways & Production Units
1a. General Manager (Con), N.F. Railway, Guwahati
2. Principal Chief Engineers, All Indian Railways.
3. Chief Administrative Officers (Con), All Indian Railways. (Except N.F. Railway)
4. Chief Vigilance Officers, All Indian Railways.

Copy to:

(A)

1. CAO/CAO(R), COFMOW, Tilak Bridge, New Delhi-110002.
2. CAO/CAO(R), Diesel Locomotive .Works,Patiala(Punjab).
3. CAO, Rail Coach Factory/Rae bareli Project, Kishanganj, Delhi- 7
4. CEE, Central Organisation for Railway Electrification (CORE), Allahabad

(B)

1. Director General, RDSO, Manak Nagar, Lucknow-226011.
2. Director General, National Academy of Indian Railways , Vadodara-390004
3. Chief Commissioner of Railway Safety, Ashoka Road, Lucknow-226001.

(C)

1. Director, IRICEN, Rail Path, Pune. Pin-411001 (Maharashtra).
2. Director, IRIEEN, P.B.No.-233, Nasik Road-422101 (Maharashtra).
3. Director, IRISET, Taa Naka Road, Lalla Guda , Secunderabad-500017
4. Director, IRIMEE, Jamalpur Distt., Jamalpur - 811214. (Bihar)
5. Director, IRITM, Saraswati Residential Estate, IRITM Campus, Manak Nagar Lucknow.
6. Director, JR RPF Academy, Lucknow
7. Indian Railways Organisation for Alternate Fuels, 12th floor, CORE-I, SCOPE Minar, District Centre, Laxmi Nagar, Delhi - 110092

(D)

1. MD, DMRC, Metro Bhawan, 13, Fire Bridge Lane, Barakhamba Road, New Delhi- 110 001,
2. MD, CONCOR, Concor Bhawan, C-3, Mathura Road, Opp. Apollo Hospital, New Delhi- 110076.
3. IRCON International Limited, C-4, District Centre, Saket, New Delhi- 110017
4. MD, RITES Ltd., RITES Bhawan, Plot No.1, Sector-29, Gurgaon, Haryana-122001
5. MD, RVNL, August Kranti Bhawan,Plot No.25, 1st Floor, Bhikaji Cama Place, New Delhi-110066
6. MD, MRVC Ltd., Churchgate Station Bldg, Mumbai- 400020
7. MD, KONKAN Railway Corporation Ltd, Rail Bhawan, New Delhi-110001.
8. MD, DFCCIL, 5th Floor, Pragati Maidan Metro Station Building Complex, New Delhi-110001
9. MD, RLDA, Near Safdarjung Railway Station, Moti Bagh, Phase-I, New Delhi- 110021
10. CMD, Rail Tel Corporation of India Ltd., Plot no. 143, Institutional Area, Sector-44, Gurgaon, Haryana - 122003
11. RCF, Rae Bareilly, Kishan Ganj, Delhi.
12. CME, IROFAF, 12th Floor, Core-1, Scope Minar, Distt. Centre, Laxmi Nagar, Delhi- 110092
13. CAO, Indian Railways (Workshop Projects), Chamber Bhawan, Judge's Court Road, Anta Ghat, Patna-800001, Bihar.

(E)

1. General Secretary, IRCA, DRM Office, New Delhi.
2. General Secretary, AIRF, Rail Bhawan, New Delhi.
3. General Secretary, NFIR, Rail Bhawan, New Delhi.
4. General Secretary, IRPOF, Rail Bhawan, New Delhi.
5. General Secretary, FROA, Rail Bhawan, New Delhi.
6. General Secretary, AIRPA, Rail Bhawan, New Delhi.
7. General Secretary, AISC&STREA, Room no. 7, Rail Bhawan, New Delhi.
8. The Secretary, RBSS, Group (A) Officers Association, Rail Bhawan.
9. The Secretary, RBSS, Group (B) Officers Association, Rail Bhawan.
10. The Secretary, RBMSA, Rail Bhawan.
11. The Secretary, Railway Board , Group (D) Employees Association, Rail Bhawan.

Copy to: CRB, FC, ME, ML, MS, MM, MT, Secy., AM(CE), AM(WORKS), AM(PLG.) AM(STAFF), AM(Mech.), AM(Elec.), AM(PU), AM(Tele), AM(Sig.), AM(Traffic), AM(F), AM(B), Adv.(Projects), Adv.(L&A), Adv.(Vig.), Adv(Rates), AM(Stores), AM(IT), AM(T&C), AM(Comml.) DG(RHS), DG(RPF), Adv.(RE), Adv.Elec(G), EDTK(M), EDTK(MC), EDTK(P), EDW(Plg.), EDME(Track), EDCE(B&S), EDCE(RC&F), EDF(X)-I, EDF(X)II, DF(X)-II, ED(W), EDCE(P), ED(PROJECT), ED(L&A)-I, ED(L&A)-II, EDVE, ED/DM, ED(Safety), ED(Sig.), ED(Tele), EDRS(G), ED(E&R)EDEE(Dev.), EDEE(RS), ED(EEM), EDRE(S&T), EDE, EDE(N), EDE(Res.), EDFE, EDPC, ED(Accounts), ED(T&MPP), EDE(GC), EDME(CHG), EDME(F), EDME(Dev.),EDME(W), ED(Plg.), ED(CHG), EDRS(P), EDRS(S), EDF(S), ED(FC), EDPM, EDPG, EDTC(R), EDTT(F), EDTT(M), EDTT(S), EDV(S), EDV(T), DCE(B&S), DCE(P), Dir(L&A), JS(Conf.), JS(G), JS(P), LA, Eco.(Adv.) F(X)I, II, Vig.III, Vig.(Conf.), L&A, Track I & II, Telecom, Signal, RS(G), & Electrical Branches of Rly. Board.

Addendum & Corrigendum Slip (ACS) No. 6

Indian Railways General Conditions of Contract (GCC)

{Ref. : Railway Board's circular no. 2007/CE-I/CT/18/Pt 13, dated 02.05..2014}

Clause 46A. - Price Variation Clause :

46A.7 The Amount of variation in prices in several components (labour, material etc.) shall be worked out by the following formulae :

(i) $$L = \frac{W \times (L_Q - L_B)}{L_B} \times \frac{L_C}{100}$$

(ii) $$M = \frac{W \times (M_Q - M_B)}{M_B} \times \frac{M_C}{100}$$

(iii) $$F = \frac{W \times (F_Q - F_B)}{F_B} \times \frac{F_C}{100}$$

(iv) $$E = \frac{W \times (E_Q - E_B)}{E_B} \times \frac{E_C}{100}$$

(v) $$D = \frac{W \times (D_Q - D_B)}{D_B} \times \frac{D_C}{100}$$

(vi) $$S = S_W \times (S_Q - S_B)$$

(vii) $$C = C_V \times (C_Q - C_B) / C_B$$

For Railway Electrification Works :

(viii) $$T = [(C_S - C_O)/C_O \times 0.4136] \times T_C$$

(ix) $$R = [(R_T - R_O)/R_O + (Z_T - Z_O)/Z_O \times 0.06] \times R_C$$

(x) $$N = [(P_T - P_O)/P_O] \times N_C$$

(xi) $$Z = [(Z_T - Z_O)/Z_O] \times Z_C$$

(xii) $$I = [(I_T - I_O)/I_T] \times 85$$

Where,

L	Amount of price variation in Labour
M	Amount of price variation in Materials
F	Amount of price variation in Fuel
E	Amount of price variation in Explosives
D	Amount of price variation in Detonators
S	Amount of price variation in Steel
C	Amount of price variation in Cement

T	Amount of price variation in Concreting
R	Amount of price variation in Ferrous Items
N	Amount of price variation in Non-Ferrous Items
Z	Amount of price variation in Zinc
I	Amount of price variation in Insulator
L_C	% of Labour Component
M_C	% of Material Component
F_C	% of Fuel Component
E_C	% of Explosive Component
D_C	% of Detonators Component
T_C	% of Concreting Component
R_C	% of Ferrous Component
N_C	% of Non-Ferrous Component
Z_C	% of Zinc Component
W	Gross value of work done by contractor as per on-account bill(s), excluding cost of materials supplied by Railway at fixed price, minus the price values of cement and steel. This will also exclude specific payment, if any, to be made to the consultants engaged by contractors (such payment shall be indicated in the contractor's offer)
L_B	Consumer Price Index Number for Industrial Workers - All India : Published in R.B.I. Bulletin for the base period
L_Q	Consumer Price Index Number for Industrial Workers - All India : Published in R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
M_B	Index Number of Wholesale Prices - By Groups and Sub-Groups : All commodities - as published in the R.B.I. Bulletin for the base period
M_Q	Index Number of Wholesale Prices - By Groups and Sub-Groups : All commodities - as published in the R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
F_B	Index Number of Wholesale Prices - By Groups and Sub-Groups for Fuel and Power as published in the R.B.I. Bulletin for the base period
F_Q	Index Number of Wholesale Prices - By Groups and Sub-Groups for Fuel and Power as published in the R.B.I. Bulletin for the average price index of the 3 months of the quarter under consideration
E_B	Cost of explosives, as fixed by DGS&D in the relevant rate contract of the firm from whom purchases of explosives are made by the contractor for the base period
E_Q	Cost of explosives, as fixed by DGS&D in the relevant rate contract of the firm from whom purchases of explosives are made by the contractor for the average price index of the 3 months of the quarter under consideration
D_B	Cost of detonators, as fixed by DGS&D in the relevant rate contract of the firm from whom purchases of detonators are made by the contractor for the base period

D_Q	Cost of detonators, as fixed by DGS&D in the relevant rate contract of the firm from whom purchases of detonators are made by the contractor for the average price index of the 3 months of the quarter under consideration
S_W	Weight of steel in tonne, supplied by the contractor as per the 'on-account' bill for the month under consideration
S_Q	SAIL's (Steel Authority of India Limited) ex-works price plus Excise Duty thereof (in rupees per tonne) for the relevant category of steel supplied by the contractor, as prevailing on the first day of the month in which the steel was purchased by the contractor (or) as prevailing on the first day of the month in which steel was brought to the site by the contractor, whichever is lower
S_B	SAIL's ex-works price plus Excise Duty thereof (in Rs. per tonne) for the relevant category of steel supplied by the contractor as prevailing on the first day of the month in which the tender was opened
C_V	Value of Cement supplied by Contractor as per on account bill in the quarter under consideration
C_B	Index No. of Wholesale Price of sub-group (of Cement & Lime) as published in RBI Bulletin for the base period
C_Q	Index No. of Wholesale Price of sub-group (of Cement & Lime) as published in RBI Bulletin for the average price index of the 3 months of the quarter under consideration
C_S	RBI wholesale price index for cement & lime for the month which is six months prior to date of casting of foundation
Co	RBI wholesale price index for cement & lime for the month which is one month prior to date of opening of tender
R_T	IEEMA price index for Iron & Steel for the month which is two months prior to date of inspection of material.
R_O	IEEMA price index for Iron & Steel for the month which is one month prior to date of opening of tender.
P_T	IEEMA price for Copper wire bar for the month which is two months prior to date of inspection of material.
P_O	IEEMA price for Copper wire bar for the month which is one month prior to date of opening of tender.
Z_T	IEEMA price for Zinc for the month which is two months prior to date of inspection of material
Z_O	IEEMA price for Zinc for the month which is one month prior to date of opening of tender
I_T	RBI wholesale price index for Structural Clay Products for the month which is two months prior to date of inspection of material
I_O	RBI wholesale price index for Structural Clay Products for the month which is one month prior to date of opening of tender

{Authority : Railway Board's circular no. 2007/CE-I/CT/18/Pt 13, dated 02.05.2014}