

Standard Bidding Document (SBD)
ના કલોઝ નંબર: 24-(iv), 34 અને 52 માં સુધારા
કરવા બાબત

ગુજરાત સરકાર

માર્ગ અને મકાન વિભાગ,

ઠરાવ ક્રમાંક: TNC/102022/458/C

E-file No: RBD/OAS/e-file/16/2022/0002/Section C

સચિવાલય, ગાંધીનગર,

તારીખ:- As Per E-sign

વંચાણે લિધા:

૧) તા.૧૨/૧૦/૨૦૨૩નો SBD અમલીકરણ અંગેનો સમાનાંકી પત્ર.

પ્રસ્તાવના:-

રાજ્યમાં હાથ ધરવામાં આવતા બાંધકામના કામો માટે સરકારશ્રી દ્વારા આજરી કરેલ Standard Bidding Document (SBD) હાલમાં અમલીકરણમાં છે. જે ઉક્ત વંચાણે લિધેલ પત્રોથી પરિપત્રિત કરેલ છે. ગુજરાત કોન્ટ્રાક્ટર એસોસિએશન દ્વારા કરવામાં આવેલ રજુઆતોને ધ્યાને લઈ, Standard Bidding Document (SBD) ની પ્રવર્તમાન જોગવાઈઓ પૈકી નીચે મુજબની જોગવાઈઓમાં સુધારા કરવા અંગેની બાબત સરકારશ્રીની વિચારણામાં હતી.

ઠરાવ:-

પુખ્ત વિચારણા બાદ Standard Bidding Document (SBD) માં કરવામાં આવેલ જોગવાઈઓ પૈકી Performance Security, Securities અને Adjustments of bitumen component ને લગત કરવામાં આવેલ જોગવાઈઓ પરત્વે નીચે મુજબના સુધારા કરવામાં આવે છે.

Existing Provisions	Revised Provisions
Section 1: Instructions to Bidders	
34. Performance Security	34. Performance Security
34.1(B) The Performance Security shall be valid beyond 60(sixty) days of the Defects Liability Period and the Additional Performance Security shall be valid beyond 28 (twenty-eight) days of Project Completion Date.	34.1 (B) The Performance Security shall be valid beyond 60 (Sixty) days from the stipulated date of completion of the project and the Additional Performance Security shall be valid beyond 28 (twenty-eight) days of Project Completion Date. Performance Security shall become refundable/releasable within 15 days after certified project completion date subject to Fulfillment of contractual obligation and settlement of all dues and claims.
Section 3: CONDITIONS OF CONTRACT	

File No: RBD/OAS/e-file/16/2022/0002/Section C

Approved By: Officer on Special Duty, Section C, RBD

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<p>52. Securities</p> <p>52.1 The performance Security (including additional security for unbalanced bids) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in Indian Rupees. The performance Security shall be valid until a date 60 days from the certified date of completion of the project and the additional security</p>	<p>52. Securities</p> <p>52.1 The performance Security (including additional security for unbalanced bids) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in Indian Rupees. The performance Security shall be valid until a date 60 days from the certified date of completion of the project and the additional security</p> <p>for unbalanced bids shall be valid until a date 28 days from the date of issue of the certificate of completion of the work.</p> <p>Performance and Additional Performance Security shall become refundable/releasable within 15 days after project certified completion date subject to fulfillment of contractual obligation and settlement of all dues and claims.</p>
<p>Section 4: Contract Data</p>	
<p>24(iv): Adjustment of bitumen component</p> <p>B_i = The official retail price of bitumen of IOC depot at the nearest center for the 15th day of the month under consideration.</p>	<p>24(iv): Adjustment of bitumen component</p> <p>B_i : The official price of bitumen of IOC depot at the nearest center:</p> <ul style="list-style-type: none"> • For the first 15 days of the month under consideration, the price declared on the 1st day of that month. • For the remaining days of the month under consideration, the rate declared on the 16th day of that month.

Standard Bidding Document (SBD) ની જોગવાઈઓમાં ઉક્ત સુધારા સિવાયની અન્ય તમામ જોગવાઈઓ યથાવત રહેશે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,

(એચ એલ સુથાર)
ખાસ ફરજ પરના અધિકારી (વિ.ચો.)
માર્ગ અને મકાન વિભાગ

પ્રતિ,

1. માન. મુખ્યમંત્રીશ્રીના અગ્ર સચિવશ્રી, સ્વર્ણમ સંકુલ, સચિવાલય, ગાંધીનગર.
2. અધિક મુખ્ય સચિવશ્રી, નાણા વિભાગ, સચિવાલય, ગાંધીનગર.
3. અધિક મુખ્ય સચિવશ્રી, ઉદ્યોગ અને ખાણ વિભાગ, સચિવાલય, ગાંધીનગર.
4. અધિક મુખ્ય સચિવશ્રી, આરોગ્ય અને પરિવાર કલ્યાણ વિભાગ, સચિવાલય, ગાંધીનગર.
5. અધિક મુખ્ય સચિવશ્રી, શિક્ષણ વિભાગ સચિવશ્રી, માર્ગ અને મકાન વિભાગ, સચિવાલય, ગાંધીનગર.
6. અગ્ર સચિવશ્રી, બંદરો અને વાહનવ્યવહાર વિભાગ, સચિવાલય, ગાંધીનગર.



7. અગ્ર સચિવશ્રી, ગૃહ વિભાગ, સચિવાલય, ગાંધીનગર.
8. અગ્ર સચિવશ્રી, શહેરી વિકાસ શહેરી ગૃહ નિર્માણ વિભાગ, સચિવાલય, ગાંધીનગર.
9. સચિવશ્રી, નર્મદા, જળ સંપત્તિ, પાણી પુરવઠા અને કલ્પસર વિભાગ, સચિવાલય, ગાંધીનગર.
10. ખાસ સચિવશ્રી, માર્ગ અને મકાન વિભાગ, સચિવાલય, ગાંધીનગર.
11. ખાસ સચિવશ્રી, નર્મદા જળ સંપત્તિ પા.પુ. અને કલ્પસર વિભાગ, સચિવાલય, ગાંધીનગર.
12. એકાઉન્ટન્ટ જનરલ, (એ એન્ડ ઈ) રેસકોર્સ, રાજકોટ.
13. એકાઉન્ટન્ટ જનરલ, ઓડીટ-૨, અમદાવાદ.
14. સચિવશ્રી, ગુજરાત તકેદારી આયોગ, ગાંધીનગર.
15. સર્વે મુખ્ય ઈજનેરશ્રી, માર્ગ અને મકાન વિભાગ, સચિવાલય, ગાંધીનગર.
16. સર્વે અધિક્ષક ઈજનેરશ્રી, મા.મ. વર્તુળ/પંચાયત (મા.મ.) વર્તુળ/ રા.ધો. (મા.મ.) વર્તુળ/રા.મા.યોજના વર્તુળ/ પા.યોજના વર્તુળ/એ.વે. વર્તુળ/વિદ્યુત વર્તુળ/આલેખન વર્તુળ સહિત તમામ તરફ તેઓના હસ્તકની વિભાગીય કચેરીઓને પરિપત્રીત કરવાની વિનંતી સહ.
17. સર્વે ઉપસચિવશ્રી, માર્ગ અને મકાન વિભાગ, સચિવાલય, ગાંધીનગર.
18. નિયામકશ્રી, ગેરી, વડોદરા.
19. નાણાકિય સલાહકારશ્રી, મા.મ. વિભાગ, સચિવાલય, ગાંધીનગર.
20. સર્વે પ્રોજેક્ટ શાખાઓ, માર્ગ અને મકાન વિભાગ, સચિવાલય, ગાંધીનગર.
21. સેક્શન અધિકારીશ્રી, ખાનગીકરણ શાખા તરફ વિભાગની વેબ-સાઈટ પર ઠરાવને અપલોડ કરવાની વિનંતી સહ.
22. સિલેક્ટ ફાઈલ-૨૦૨૬.

Signature Not Verified

Signed by: **Sunil Hemant Kumar L**
 Officer on Special Duty
 Date: 2026.05.04
 11:18:07 +5:30

File No: RBD/OAS/e-file/16/2022/0002/Section C

Approved By: Officer on Special Duty, Section C, RBD

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No. RBD/POM/e-file/16/2026/3376(1)/Section C

Government of Gujarat
Roads & Building Department,
Block No.14/2, Sachivalaya, Gandhinagar
Date:- /05/2026

Reference:

1. Office order of even number dated 23/04/2026 for committee formed to decide the suggested procedure for calculating price escalation for road works, taking into account the increased prices of bitumen.

Subject: Cost Escalation Compensation Mechanism for State Government Projects due to surge in fuel, construction material prices, and logistics cost reg.

With a view to ensure uninterrupted execution and maintenance of Construction Projects in the State of Gujarat, the following measures are hereby adopted for implementation in all applicable works under **State government, Municipal Corporation, Municipality, Board and Corporation of State government.**

1. Relaxation in Schedule-H for EPC projects and Schedule-G for HAM Projects to enable monthly payment to Contractors/Concessionaires for work executed and complying with quality specifications & standards.
 2. Price adjustment in EPC projects, WPI for (a) Construction Machinery, (b) Ordinary Portland Cement, (c) for all commodities, (d) Mild Steel, may be taken for one month prior to the relevant Interim Payment Certificate (IPC) month in place for three months prior to the relevant IPC month. Similarly, in case of price adjustment for bitumen, the official retail price of bitumen may be taken as the first day of the month, one month prior to the IPC month, in place of first day of the month three months prior to the relevant IPC month.
 3. Price Adjustment under EPC contracts may be paid along with the monthly payments and price escalation, in HAM contracts, calculated using the Price Index Multiple (PIM) may be paid along with monthly payments.
2. These measures have been put in place for a period of 3 months w.e.f. 3rd April 2026 i.e. up to 30th June, 2026 or till the global situation improves.
3. This issues with the approval of Competent Authority.

(H L Suthar)

Officer on Special Duty (S.P.)
Road and Building Department
Gandhinagar

To,

1. Additional Principal Secretary to Hon'ble Chief Minister, Swarnim Sankul, Secretariat, Gandhinagar
2. Additional Chief Secretary, Finance Department, Secretariat, Gandhinagar
3. Additional Chief Secretary, Industries and Mines Department, Secretariat, Gandhinagar
4. Additional Chief Secretary, Health and Family Welfare Department, Secretariat, Gandhinagar
5. Additional Chief Secretary, Education Department and Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
6. Principal Secretary, Ports and Transport Department, Secretariat, Gandhinagar
7. Principal Secretary, Home Department, Secretariat, Gandhinagar
8. Principal Secretary, Urban Development Department, Secretariat, Gandhinagar
9. Secretary, Narmada, Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
10. Special Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
11. Special Secretary, Narmada Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
12. Accountant General (A&E), Race Course, Rajkot

File No: RBD/POM/e-file/16/2026/3376/Section C

Approved By: CE (N.G.) and A.S,RBD_CEAS1,RBD

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13. Accountant General (Audit-II), Ahmedabad
14. *Secretary, Gujarat Vigilance Commission, Gandhinagar (By Letter)
15. All Chief Engineers, Roads and Buildings Department, Secretariat, Gandhinagar
16. All Superintending Engineers of R&B Circle / Panchayat (R&B) Circle / National Highway (R&B) Circle / State Highway Project Circle / Project Circle / Electrical Circle / Design Circle, with a request to circulate to all subordinate offices under their jurisdiction
17. Director, GERI, Vadodara
18. Financial Advisor, Roads and Buildings Department, Secretariat, Gandhinagar
19. All Project Branches, Roads and Buildings Department, Secretariat, Gandhinagar
20. Section Officer, Privatization Branch, with a request to upload the Resolution on the Department's website
21. Select File – 2026

Signature Not Verified

Signed by: **Satish Hemant Kumar L**
Officer on Special Duty
Date: 2026.05.06
18:14:18 +5:30

File No: RBD/POM/e-file/16/2026/3376/Section C

Approved By: CE (N.G.) and A.S, RBD_CEAS1, RBD

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No. RBD/POM/e-file/16/2026/3376(2)/Section C

Government of Gujarat

Roads & Building Department,

Block No.14/2, Sachivalaya,
Gandhinagar

Date:- /05/2026

Reference:

1. Office order of even number dated 23/04/2026 for committee formed to decide the suggested procedure for calculating price escalation for road works, taking into account the increased prices of bitumen.

Subject: Cost Escalation Compensation Mechanism for State Government projects due to surge in Fuel, Construction Material Prices and Logistics Cost in respect of STMC & item Rate work reg.

In order to mitigate the impact of the increase in prices of crude oil and petroleum products under the present global scenario and as a measure of relief to ensure uninterrupted construction and maintenance of State Government projects, vide letter no. RBD/POM/e-file/16/2026/3376(1)/Section C date - 06/05/2026 had notified relief measures for EPC and HAM projects having provisions of price escalation. In continuation of the said circular, it is proposed to pay, as a measure of relief, price adjustment for abnormal increase in the prices of Bitumen in respect of Short-Term Maintenance Contracts (STMC), Item Rate & EPC contracts of less than 18 months duration, where no price adjustment mechanism has been provided.

Government of Gujarat has decided to modify provisions for works under State government, Municipal Corporation, Municipality, Board and Corporation of State government to ensure continuity of works and financial stability of contracts.

2. For the surge in bitumen prices, price adjustment is proposed for the period from 1st April 2026 to 30th June, 2026 for such contracts having bid due date before April 2026, as per following formula:

Price adjustment on Bituminous work

The additional payment for Bituminous work shall be made every month for changes in prices of Bitumen input in accordance with the formula given below:

$$V = Q * (W_f - W_o)$$

Where,

V = Price adjustment for payment on Bituminous work

Q = Quantity of Bitumen consumed as per actual consumption (not more than the approved Job Mix formula) (MT)

W_o = Price of Bitumen nearest IOCL refinery on Dt.01.03.2026 (Per MT)

W_f = Price of Bitumen nearest IOCL refinery as per the invoices for the period of work done (Per MT)

3. No price adjustment shall be admissible for items other than Bitumen.
4. For EPC, HAM, item rate and PBMC work (with contract provision of price adjustment), the State Government projects, vide letter no. PRC/102025/71 (1)/C date - 06/05/2026 shall be followed.
5. This issue with the approval of Competent Authority.

(H L Suthar)

Officer on Special Duty (S.P.)

Road and Building Department

Gandhinagar

File No: RBD/POM/e-file/16/2026/3376/Section C

Approved By: CE (N.G.) and A.S,RBD_CEAS1,RBD

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To,

1. Additional Principal Secretary to Hon'ble Chief Minister, Swarnim Sankul, Secretariat, Gandhinagar
2. Additional Chief Secretary, Finance Department, Secretariat, Gandhinagar
3. Additional Chief Secretary, Industries and Mines Department, Secretariat, Gandhinagar
4. Additional Chief Secretary, Health and Family Welfare Department, Secretariat, Gandhinagar
5. Additional Chief Secretary, Education Department and Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
6. Principal Secretary, Ports and Transport Department, Secretariat, Gandhinagar
7. Principal Secretary, Home Department, Secretariat, Gandhinagar
8. Principal Secretary, Urban Development Department, Secretariat, Gandhinagar
9. Secretary, Narmada, Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
10. Special Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
11. Special Secretary, Narmada Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
12. Accountant General (A&E), Race Course, Rajkot
13. Accountant General (Audit-II), Ahmedabad
14. *Secretary, Gujarat Vigilance Commission, Gandhinagar (By Letter)
15. All Chief Engineers, Roads and Buildings Department, Secretariat, Gandhinagar
16. All Superintending Engineers of R&B Circle / Panchayat (R&B) Circle / National Highway (R&B) Circle / State Highway Project Circle / Project Circle / Electrical Circle / Design Circle, with a request to circulate to all subordinate offices under their jurisdiction
17. Director, GERI, Vadodara
18. Financial Advisor, Roads and Buildings Department, Secretariat, Gandhinagar
19. All Project Branches, Roads and Buildings Department, Secretariat, Gandhinagar
20. Section Officer, Privatization Branch, with a request to upload the Resolution on the Department's website
21. Select File – 2026

Signature Not Verified

Signed by: **Satish Hemant Kumar L**
Officer on Special Duty
Date: 2026.05.06
18:14:55 +5:30

File No: RBD/POM/e-file/16/2026/3376/Section C

Approved By: CE (N.G.) and A.S, RBD_CEAS1, RBD

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No. RBD/POM/e-file/16/2026/3376(3)/Section C

Government of Gujarat
Roads & Building Department,
Block No.14/2, Sachivalaya, Gandhinagar
Date:- /05/2026

Reference:

- Office order of even number dated 23/04/2026 for committee formed to decide the suggested procedure for calculating price escalation for road works, taking into account the increased prices of bitumen.

Subject: Cost Escalation Compensation Mechanism for State Government projects on SBD/EPC/HAM/PBMC due to significant increase in bitumen prices reg.

In view of the significant increase in prices of Bitumen under the prevailing global scenario, and to mitigate its impact on ongoing road construction and maintenance works, Government of Gujarat has decided to modify provisions for works under State Government, Municipal Corporation, Municipality, Board and Corporation of State government to ensure continuity of works and financial stability of contracts.

In order to mitigate the impact of the increase in prices of bitumen affecting highways construction projects under the present global scenario and as a measure of relief to ensure uninterrupted construction and maintenance, above mentioned projects, having provisions of price escalation, are here by given relief.

- It has been further decided to pay price adjustment for significant increase in prices of Bitumen as a special provision.

2.1 Prices of bitumen (Bulk VG-30* grade) were as under:

Date	Rate of Bulk VG-30* excluding GST @ Koyali refinery (Rs./MT)
01.02.2026	48242.00
16.02.2026	48302.00
05.03.2026	50432.00
16.03.2026	52992.00
01.4.2026	66902.00
16.04.2026	78052.00

- Price adjustment for the significant increase in bitumen prices, only considered monthly, may be adjusted in respect of works undertaken for the period of 3 months w.e.f. 1st April 2026 to 30th June 2026 for SBD/EPC/HAM/PBMC projects having Bid Due Date on or before 31st March 2026 and where price escalation provision exists in the Contract/Concession Agreement, as per following formula: -

Price adjustment on Bitumen

The additional payment for Bitumen consumed for Bituminous work shall be made every month for changes in prices of Bitumen input in accordance with the formula given below:

$$V = B_w * (W_i - W_o)$$

Where,

V = Price adjustment for payment on Bitumen consumed for Bituminous work

B_w = Quantity of Bitumen consumed as per actual consumption (limited to the approved Job Mix formula) in the work actually done during the month

W_o = Rate of Bitumen at the nearest refinery as on Project base date (i.e. 28 days prior to scheduled date of technical bid opening)

W_i = Average rate of Bitumen at the nearest Public Sector Undertaking's (PSU) refinery for the month of work done. (e.g., if rate of bitumen has been changed twice in the month, then the average rate as of 1st of month and 16th of the month shall be considered for average rate)

- Price adjustment in SBD/EPC / PBMC for items other than bitumen shall be calculated as per the formula given in the contract agreement with modification as indicated in the letter No.RBD/POM/e-file/16/2026/3376(1)/Section C dated 06.05.2026. However, to avoid duplication in respect of escalation on bitumen, R value (Monthly Bill) shall be reduced by the actual cost of the bitumen consumed in that month for the purpose of calculation of price adjustment.
- Price adjustment in HAM works for items other than bitumen shall be calculated as per the formula given in the concession agreement with modification as indicated in the letter No. RBD/POM/e-file/16/2026/3376(1)/Section C dated 06.05.2026. However, to avoid duplication in respect of escalation on bitumen, total value of Milestone Payment / monthly payment shall be reduced by the actual cost of the bitumen consumed in that month for the purpose of calculation of price adjustment.
- The price adjustment of bitumen as at para 3 above shall be added to the price adjustment for other items at para 4 or 5 above to arrive at the total price adjustment to be provided.
- An illustrative example for calculation of price adjustment is enclosed at Annexure.
- Other contracts having no provision of escalation, State Government vide letter RBD/POM/e-file/16/2026/3376(2)/Section C date - 06/05/2026 shall be followed.
- This circular shall have effect for works done in the period from 1st April to 30th June, 2026.
- This issue with the approval of Competent Authority.

Enc. **Annexure-1,2,3**

(H L Suthar)

Officer on Special Duty (S.P.)
Road and Building Department
Gandhinagar

To,

- Additional Principal Secretary to Hon'ble Chief Minister, Swarnim Sankul, Secretariat, Gandhinagar
- Additional Chief Secretary, Finance Department, Secretariat, Gandhinagar

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Approved By: CE (N.G.) and A.S,RBD_CEAS1,RBD

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3. Additional Chief Secretary, Industries and Mines Department, Secretariat, Gandhinagar
4. Additional Chief Secretary, Health and Family Welfare Department, Secretariat, Gandhinagar
5. Additional Chief Secretary, Education Department and Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
6. Principal Secretary, Ports and Transport Department, Secretariat, Gandhinagar
7. Principal Secretary, Home Department, Secretariat, Gandhinagar
8. Principal Secretary, Urban Development Department, Secretariat, Gandhinagar
9. Secretary, Narmada, Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
10. Special Secretary, Roads and Buildings Department, Secretariat, Gandhinagar
11. Special Secretary, Narmada Water Resources, Water Supply and Kalpsar Department, Secretariat, Gandhinagar
12. Accountant General (A&E), Race Course, Rajkot
13. Accountant General (Audit-II), Ahmedabad
14. *Secretary, Gujarat Vigilance Commission, Gandhinagar (By Letter)
15. All Chief Engineers, Roads and Buildings Department, Secretariat, Gandhinagar
16. All Superintending Engineers of R&B Circle / Panchayat (R&B) Circle / National Highway (R&B) Circle / State Highway Project Circle / Project Circle / Electrical Circle / Design Circle, with a request to circulate to all subordinate offices under their jurisdiction
17. Director, GERI, Vadodara
18. Financial Advisor, Roads and Buildings Department, Secretariat, Gandhinagar
19. All Project Branches, Roads and Buildings Department, Secretariat, Gandhinagar
20. Section Officer, Privatization Branch, with a request to upload the Resolution on the Department's website
21. Select File – 2026

Signature Not Verified

Signed by: **Satish Hemant Kumar L**
Officer on Special Duty
Date: 2026.05.06
18:36:50 +5:30

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Annexure-1**Calculation of Price Variation in SBD Project**

Calculation of Price Variation as per Bitumen Quantity			
Sr. No.	Particulars	Value	Remarks
A	Total value of work in the Month of March (In Rs. Cr.)	50,00,00,000	
B	Total cost of Bituminous work done in the Month of March (in Rs.)	12,93,14,179	
C	Total Bitumen Quantity consumed as per actual consumption in MT (Bw)	1,347	Calculated as per Job Mix Formula
D	W_o (Price of Bitumen of nearest IOCL refinery on 28 days Prior to scheduled date of technical bid open	42,589	Rate on Base Date excluding GST
F	W_f (Average rate of Bitumen at the nearest IOCL refinery for the month of work done. Per (MT) ie. March-2026 (Koyali Refinery)	51,712	Average rate in March excluding GST ((50,432+52,992)/2=51,712)
G	Price adjustment for payment on Bitumen consumed for Bituminous work (V) (in Rs.)	1,22,88,681	$C*(D-F)$
	Calculation of Normal Variation		
H	Total Actual Cost of Bitumen on base date (in Rs.)	5,73,67,383	$(C \times D)$
I	Total value of work done reduced by actual cost of Bitumen (in Rs.)	44,26,32,617	$(A-H)$
J	Calculate variation as per SBD Section-4 Clause No.24 with modification as indicated in the.... (V1)	1,10,00,000	Say
	Total Price Variation (V+V1) (in Rs.)	2,32,88,681	$(G+J)$

*For calculation of VG 40, the same methodology as adopted for VG 30 shall be followed, as illustrated in the example.



Annexure-2**Calculation of Price Variation in EPC Project**

Calculation of Price Variation as per Bitumen Quantity			
Sr. No.	Particulars	Value	Remarks
A	Total value of work in the Month of March (In Rs. Cr.)	50,00,00,000	
B	Total cost of Bituminous work done in the Month of March (in Rs.)	12,93,14,179	
C	Total Bitumen Quantity consumed as per actual consumption in MT (Bw)	1,347	Calculated as per Job Mix Formula
D	W_0 (Price of Bitumen of nearest IOCL refinery on 28 days Prior to scheduled date of technical bid open)	42,589	Rate on Base Date excluding GST
F	W_1 (Average rate of Bitumen at the nearest IOCL refinery for the month of work done. Per (MT) ie. March-2026 (Koyali Refinery)	51,712	Average rate in March excluding GST ((50,432+52,992)/2=51,712)
G	Price adjustment for payment on Bitumen consumed for Bituminous work (V) (in Rs.)	1,22,88,681	$C*(D-F)$
	Calculation of Normal Variation		
H	Total Actual Cost of Bitumen on base date (in Rs.)	5,73,67,383	$(C*D)$
I	Total value of work done reduced by actual cost of Bitumen (in Rs.)	44,26,32,617	$(A-H)$
J	Calculate variation as per clause 19.10 of CA with modification as indicated in the circular of even no. dated 01.04.2026 (V1) (in Rs.)	1,10,00,000	Say
	Total Price Variation (V+V1) (in Rs.)	2,32,88,681	$(G+J)$

*For calculation of VG 40, the same methodology as adopted for VG 30 shall be followed, as illustrated in the example.



Annexure-3

Escalation based on monthly bill submitted- HAM Projects			
Sr. No.	Particulars	Value	Remarks
A	Bid Project Cost (in Rs. Cr.)	1,575.00	
B	Physical Progress (%)	74.62	
C	Physical Progress for previous Payment (%)	70	
D	Physical Progress for this payment (%)	4.62	B-C
E	Physical Progress Equivalent to BPC (in Rs. Cr.)	72.77	(D% of A)
E1	Eligible Payment amount for March	29.11	4% X (D/10) * A
E2	Progress of DBM equivalent to BPC (in Rs. Cr.)	7.25	% as per Schedule G
E3	Progress of BC equivalent to BPC (in Rs. Cr.)	12.62	% as per Schedule G
DBM			
F	Length of DBM in Main carriageway (km)	7.37	
G	Quantity of Bitumen (VG-30) required for 1km length of Main carriageway (MT)	73.74	Calculated from Mix Design
H	Length of DBM in Interchange (km)	1.86	
I	Quantity of Bitumen (VG-30) required for 1km length of Interchange (MT)	53.1	Calculated from Mix Design
J	Total Bitumen (VG-30) Used for this Payment (MT)	642.23	(FxG + HxI)
K	Rate of Bitumen (VG-30) in Mar-26 (in Rs. per MT) Koyali Refinery	51712.00	Average rate in March excluding GST ((50432+52992)/2)=51712
L	Rate of Bitumen (VG-30) in Jan-22 (in Rs. per MT)	42590.00	Rate on Reference Index Date excluding GST
M	Cost Escalation in VG-30 due to hike in rate (Rs CR)	0.5858	(K-L) x J
M1	Bitumen cost as per Bid due date	2.7359	
BC			
N	Length of BC in Main carriageway (km)	16.46	
O	Quantity of CRMB-60 required for 1km length of Main carriageway (MT)	85.28	Calculated from Mix Design
P	Length of BC in Interchange (km)	0.17	
Q	Quantity of CRMB-60 required for 1km length of Interchange (MT)	61.4	Calculated from Mix Design
R	Total CRMB-60 Used for this Payment (MT)	1414.15	(NxO + PxQ)
S	Rate of CRMB-60 in Mar-26 (in Rs. per MT) Koyali Refinery	51,712.00	Average rate in March excluding GST ((50432+52992)/2)=51712
T	Rate of CRMB-60 in Jan-22 (in Rs. per MT)	44,000.00	Rate on Reference Index Date excluding GST
U	Cost Escalation in CRMB-60 due to hike in rate (in Rs. Cr.)	1.09	(S-T) x R
U1	Cost of CRMB as per bid due date	6.22	
V	Total Escalation due to Bitumen (in Rs. Cr.)	1.69	(M+U)

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V1	Total cost of Bitumen & CRMB (in Rs. Cr.)	8.96	((M1+U1)
	Escalation amount on the other component as per WPI and CPI		
	Physical Progress amount =	72.77	E
W	Physical progress amount except Bitumen	63.81	E-V1
X	Corresponding amount for escalation calculation	25.52	0.4 * W
Y	Escalation as per WPI and CPI	0.13	as per Article 23 of CA
Z	Escalation amount on other component	3.32	Y * X
Z0	Total escalation amount	5.01	Z + V
Z1	Total Bill Payment amount	34.12	Z0 + E1

*For calculation of VG 40, the same methodology as adopted for VG 30 shall be followed, as illustrated in the example.

Signature valid

Signed by: Suthar Hemant Kumar L
Officer on Special Duty
Date: 2026.05.06
18:15:32 +5:30

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