



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष/Phone : 91-11-25074100 / 25074200



NHAI/HQ/BH/Chorma-Bairgania/NH227F/Proc/2022

Date: 21.03.2023

MEETING NOTICE

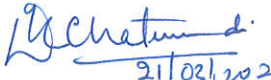
Sub: Rehabilitation and Upgradation of Chorma - Bargania section of NH-227F from Design Chainage Km. 0.000 to Km. 34.566 to two under lanes with paved shoulders in the state of Bihar under Bharatmala Pariyojna Phase-I on Hybrid Annuity Mode (HAM) Mode.- **Financial opening**

With the approval of the Competent Authority, Evaluation Committee comprising following members has been constituted for evaluations of Bids for the above mentioned project:

- | | | | |
|------|------------------------------|---|----------|
| i. | Sh. D. K. Chaturvedi, GM (T) | : | Convener |
| ii. | Sh. V. K. Joshi, GM (T) | : | Member |
| iii. | Sh. Mukhopadhyay, DGM (F) | : | Member |
| iv. | Sh. Mukesh Meena, DGM (T) | : | Member |

2. The financial opening of the subjected work is scheduled to be held on 21.03.2023 at 1730 HRS NHAI HQ E tender room.

3. It is requested to make it convenient to attend the above meeting.


21/03/2023
(D.K.Chaturvedi)
GM (T)-BH

Copy to:

All committee members

	configurati																																											
	on as recommen ded by PIB.																																											
3	Justificatio n for variation in cost as compared to recommen ded by PIB	In PIB minutes, the project is mentioned at S No. 21 in the list of yet to be appraised projects with the following details- Length 412 Km Civil cost 11070 Cr. Pre-construction cost 1071 Cr. Total capital cost 12140 Cr. With the current length if per Km capital cost from PIB minutes is calculated, it comes out to be Rs. 12140/415 = 29.25 Cr./ Km The proposed per Km capital cost for approval of SFC is as under- <table><tr><td>Sl. No.</td><td>Attributes</td><td>Description</td></tr><tr><td></td><td></td><td>PKG-IV</td></tr><tr><td>1</td><td>Total Capital Cost per Km i/c GST</td><td>28.31 Cr.</td></tr></table> The above proposed per Km capital cost is well within the average capital cost approved by PIB.	Sl. No.	Attributes	Description			PKG-IV	1	Total Capital Cost per Km i/c GST	28.31 Cr.																																	
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1	Total Capital Cost per Km i/c GST	28.31 Cr.																																										
4	Detailed justification for cost per km	<table><tr><td>S No.</td><td>Name of project</td><td>Length</td><td>Mode</td><td>Capital cost approved</td><td>Cost/Km</td></tr><tr><td>1</td><td>Vidisha Melhua Pkg I</td><td>47.47</td><td>HAM</td><td>1000.63</td><td>21.08</td></tr><tr><td>2</td><td>MP/UP border- Kabrai</td><td>45.991</td><td>HAM</td><td>1632.93</td><td>35.51</td></tr><tr><td>3</td><td>Raghogarh Nanasa</td><td>63.671</td><td>HAM</td><td>1155.28</td><td>18.14</td></tr><tr><td>4</td><td>Boregaon- Muktai Nagar Pkg I</td><td>47</td><td>HAM</td><td>1497.69</td><td>31.86</td></tr><tr><td>5</td><td>Boregaon- Muktai Nagar Pkg I</td><td>30.27</td><td>HAM</td><td>784.35</td><td>25.91</td></tr><tr><td>6</td><td>Atal progressway Pkg IV</td><td>50.6</td><td>HAM</td><td>1432.68</td><td>28.31</td></tr></table> The per Km cost of the project is comparable to other projects. Further, the per Km cost is also dependent on the number of structures provided. The cost of Pkg IV is some what on higher side as	S No.	Name of project	Length	Mode	Capital cost approved	Cost/Km	1	Vidisha Melhua Pkg I	47.47	HAM	1000.63	21.08	2	MP/UP border- Kabrai	45.991	HAM	1632.93	35.51	3	Raghogarh Nanasa	63.671	HAM	1155.28	18.14	4	Boregaon- Muktai Nagar Pkg I	47	HAM	1497.69	31.86	5	Boregaon- Muktai Nagar Pkg I	30.27	HAM	784.35	25.91	6	Atal progressway Pkg IV	50.6	HAM	1432.68	28.31
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		elevated structure of 3 Km has been provided over ravines and 4 major bridges have also been provided.					
5	Cost comparison with adjoining stretch	Sl. No.	Attributes	Pkg III In Rs. Cr.	Pkg IV In Rs. Cr.	Pkg V In Rs. Cr.	Pkg VI In Rs. Cr.
			Length	61.3	50.6	59	47.95
		1	Civil Construction Cost	1058.16	1065.03	936.94	672.94
		2	Utility Shifting cost	13.20	8.39	6.81	6.20
		3	Total civil Cost (1+2)	1071.36	1073.42	943.75	679.14
		4	IC/Pre-Operative Cost	10.71	10.73	9.44	6.791
		5	Financing Cost	3.85	3.88	5.02	3.563
		6	Interest During Construction	33.01	39.26	31.41	19.725
		7	Estimated Project Cost	1118.93	1127.29	989.62	709.22
		8	GST@18% on civil construction cost	192.84	193.21	169.87	122.24
		9	Pre-construction cost	78.03	101.45	120.95	106.55
		A	Land Acquisition Cost	77.11	100.75	120.21	105.92
		B	Environmental, Forest Clearance Cost & Utility Shifting Supervision charges	0.92	0.7	0.74	0.63
		10	Contingencies @ 1% of Civil Cost	10.71	10.73	9.43	6.791
		11	Total Capital Cost	1400.51	1432.68	1289.87	944.801
		12	Civil cost / Km	17.48	21.21	16.00	14.16
		13	Capital cost / Km	22.85	28.31	21.86	19.70
6	Information sought by IFD vide O.M dated 08.12.2022 for SFC cases	Already submitted to M/o RT&H vide this office letter dated 16.02.2023. (Copy enclosed)					
7	Basis for land cost is not provided.	Land cost has been derived as per section 26 of RFCTLARR act 2013 based on that circle rate/collector rate.					
8	As per para 34 (b) (xviii) of the PIB	Noted for compliance in future					

	meeting minutes held for appraisal of 'The Investment Proposal of the Bharatmal a Pariyojana' , a representative of the Office of Chief Advisor (Cost) of Department of Expenditure was to be inducted as a member of the PATSC both in NHAI and in MoRTH to facilitate financial appraisal of the projects. However, the same does not seem to have been complied with.	
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3. Submitted for further necessary action at your end please.

Yours faithfully,

 16/03/2023

(B.S. Yadav)

General Manager (T)-MP

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