

**Agenda Notes**  
for  
**64<sup>th</sup> Meeting**  
of the

**PROJECT SANCTIONING & MONITORING  
GROUP-I  
(PSMG-I)**

**From 04:00 PM to 05:00 PM  
on 27<sup>th</sup> February, 2024**

**Venue: Conference Hall, Room No. 123-C,  
MoHUA, Nirman Bhawan, New Delhi.**



**National Capital Region Planning Board**  
Ministry of Housing & Urban Affairs, New Delhi.



**Agenda Items for the 64<sup>th</sup> Meeting of the  
Project Sanctioning & Monitoring Group-I (PSMG-I)**

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**Agenda Item No. 64/1: Confirmation of the Minutes of the 63<sup>rd</sup> Meeting of the PSMG-I held on 22.08.2023**

1.1 The Minutes of 63<sup>rd</sup> PSMG-I Meeting held on 22.08.2023 were circulated to all members vide NCR Planning Board letter No. Y-13/32/2023-9160056 dated 25.09.2023. No comments have been received. A copy of the same is placed at **Annexure-64/1-I**.

1.2 The Minutes may be confirmed.





## राष्ट्रीय राजधानी क्षेत्र योजना बोर्ड

## NATIONAL CAPITAL REGION PLANNING BOARD

प्रथम तल, कोर-4 बी / 1st Floor, Core-4 B,

भारत पर्यावास केन्द्र / India Habitat Centre,

लोधी रोड, नई दिल्ली-110003 / Lodhi Road, New Delhi-110003

आवासन और शहरी कार्य मंत्रालय / Ministry of Housing and Urban Affairs

दूरभाष / Phone: 011-24642284, 24642287 फैक्स / Fax: 011-24642163

No. Y-13/32/2023-9160056

Dated: 25.09.2023

**Subject: 63<sup>rd</sup> Meeting of the Project Sanctioning & Monitoring Group-I of NCR Planning Board**

Please find enclosed the Minutes of the above-mentioned meeting held on **22<sup>nd</sup> August, 2023** under the Chairmanship of Secretary, Ministry of Housing and Urban Affairs, Government of India, for your kind information and necessary action.

(Satyabir Singh)

Assistant Director (Tech)

Encl.: As above

To

Members of PSMG-I

1. The Additional Secretary (D), Ministry of Housing and Urban Affairs, Room No. 125-C, Nirman Bhawan, New Delhi. [as.delhi@gov.in](mailto:as.delhi@gov.in)
2. The Sr. Adviser (MU), NITI Aayog, Government of India, Room No. 259, Sansad Marg, New Delhi-110001. [annaroy@nic.in](mailto:annaroy@nic.in)
3. The Jt. Secretary & Financial Advisor, Ministry of Housing and Urban Affairs, Room No. 141-C, Nirman Bhawan, New Delhi. [jsfa\\_ud@nic.in](mailto:jsfa_ud@nic.in)
4. The Additional Chief Secretary to Govt., Haryana, Town & Country Planning Department, Town & Country Planning Deptt., Room No. 303, 3<sup>rd</sup> Floor, New Secretariat Building, Sector-17, Chandigarh-160017. [fctcp@hry.nic.in](mailto:fctcp@hry.nic.in)
5. The Addl. Chief Secretary, Housing & Urban Planning Department, Government of Uttar Pradesh, Room No. 101, Lal Bahadur Shastri Bhawan, Uttar Pradesh Secretariat, Lucknow-226001 (UP) [psawasup@gmail.com](mailto:psawasup@gmail.com)
6. The Principal Secretary, Urban Development & Housing Department, Room No. 5101, Main Building, Opp. To Lokayukt Building, Government Secretariat, Jaipur-302005. [acs.udh@rajasthan.gov.in](mailto:acs.udh@rajasthan.gov.in)
7. The Secretary, Urban Development Department, 9th Floor, C-Wing, Delhi Sachivalaya, I.P. Estate, New Delhi-110002. [psud@nic.in](mailto:psud@nic.in)
8. The Addl. Chief Planner, Town & Country Planning Organization, E-Block, Vikas Bhawan, I.P. Estate, New Delhi-110002. [cp-tcpo-mud@nic.in](mailto:cp-tcpo-mud@nic.in), [cp.tcpo@yahoo.com](mailto:cp.tcpo@yahoo.com)
9. PS to Secretary (HUA), Ministry of Housing and Urban Affairs, Nirman Bhawan, New Delhi – for kind information of Secretary (HUA). [secyurban@nic.in](mailto:secyurban@nic.in)
10. PS to Member Secretary, NCRPB – for kind information of MS.

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Implementing Agencies

## Haryana

1. The Additional Chief Secretary to Govt. of Haryana, PHED Haryana, Room No. 334, 3<sup>rd</sup> Floor, Sector-17, New Haryana Civil Secretariat, Chandigarh-160017.  
[psphedharyana1@gmail.com](mailto:psphedharyana1@gmail.com)
2. The Additional Chief Secretary to Govt. of Haryana, PWD (B&R) Department, Room No. 45, 8<sup>th</sup> Floor, Haryana Civil Secretariat Building, Sector-1, Chandigarh-160001.  
[acspwdbr@gmail.com](mailto:acspwdbr@gmail.com)
3. The Engineer-in-Chief, Public Health Engineering Department, Bay No. 13-18, Sector 4, Panchkula, 134112, Haryana [eicphed@phedharyana.gov.in](mailto:eicphed@phedharyana.gov.in)
4. The Managing Director, Haryana State Roads and Bridges Development Corporation Ltd. Bays No. 13-14, Sector-2, Panchkula. [mdhsrdc@yahoo.co.in](mailto:mdhsrdc@yahoo.co.in),  
[edhsrdc@gmail.com](mailto:edhsrdc@gmail.com)

## Rajasthan

5. The Additional Chief Secretary, Public Health Engineering & Ground Water Deptt., Room 3205, Main Building Secretariat, Jaipur-302005. [acs.phed@rajasthan.gov.in](mailto:acs.phed@rajasthan.gov.in)

## Uttar Pradesh

6. The Chief Executive Officer, Greater Noida Industrial Development Authority, Plot No. 01, Knowledge Park-04, Greater Noida, Gautam Budh Nagar, Uttar Pradesh 201308. [ceo@gnida.in](mailto:ceo@gnida.in)
7. The Managing Director, Noida Metro Rail Corporation Ltd., Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida 201301. [nmrcnoida@gmail.com](mailto:nmrcnoida@gmail.com)

## CMAs

8. The Commissioner, Jaipur Development Commissioner, Ram Kishor Vyas Bhawan, Indra Circle, Jawaharlal Nehru Marg, Jaipur-302004. [jdc.jda@rajasthan.gov.in](mailto:jdc.jda@rajasthan.gov.in),  
[jdccell@gmail.com](mailto:jdccell@gmail.com)
9. Sh. P. Ramesh, Chairman & Managing Director, Jaipur Metro Rail Corporation Limited, Admin Building, Metro Depot, Bhargu Path, Mansarovar, Jaipur-302020.  
[cmd@jaipurmetrorail.in](mailto:cmd@jaipurmetrorail.in), [dp@jaipurmetrorail.in](mailto:dp@jaipurmetrorail.in)
10. The Adviser, Civil Aviation Department, 3rd Floor, 30 Bays Building, Sector 17-B, Chandigarh. [advisor-cavn@hry.gov.in](mailto:advisor-cavn@hry.gov.in)

NCR Planning & Monitoring Cells

1. The Commissioner, NCR Planning & Monitoring Cell, Government of Uttar Pradesh, 2<sup>nd</sup> Floor, Nagar Nigam Office, Navyug Market, Ghaziabad-201001, Uttar Pradesh.  
[ncrcellup@gmail.com](mailto:ncrcellup@gmail.com)
2. The Director General, Town & Country Planning Haryana, 2<sup>nd</sup> Floor, Block A, Nagar Yojna Bhawan, Plot No. 3, Sector 18A, Madhya Marg, Chandigarh-160018.  
[tcpharyana7@gmail.com](mailto:tcpharyana7@gmail.com)

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3. The Special Secretary-I (UD), Urban Development Department, 9th Floor, C-Wing, Delhi Sachivalaya, I.P. Estate, New Delhi-110002. [ncrpmud@gmail.com](mailto:ncrpmud@gmail.com)
4. The Chief Coordinator Planner, NCR Planning & Monitoring Cell, Directorate of Town & Country Planning Haryana, 2<sup>nd</sup> Floor, Block A, Nagar Yojna Bhawan, Plot No. 3, Sector 18A, Madhya Marg, Chandigarh-160018. [ccpncr-tcp@hry.gov.in](mailto:ccpncr-tcp@hry.gov.in)
5. The Chief Town Planner, NCR Planning & Monitoring Cell, Govt. of Rajasthan, Nagar Niyojna Bhawan, Jawaharlal Nehru Marg, Jaipur-302004, Rajasthan. [ncrsrp@gmail.com](mailto:ncrsrp@gmail.com)
6. The Chief Coordinator Planner, NCR Planning & Monitoring Cell, Government of Uttar Pradesh, 2<sup>nd</sup> Floor, Nagar Nigam Office, Navyug Market, Ghaziabad-201001, Uttar Pradesh. [ncrcellup@gmail.com](mailto:ncrcellup@gmail.com)

#### NCR Planning Board

1. Chief Regional Planner
2. Director (Admn. & Fin)
3. Deputy Director (Tech-GIS)
4. Deputy Director (Tech -URP)/IC-PMC
5. Finance & Accounts Officer
6. Deputy Director (Tech -AS)
7. Deputy Director (Tech -NM)
8. Assistant Director (Tech-NK)

**National Capital Region Planning Board**

**Minutes of the 63<sup>rd</sup> Meeting of the Project Sanctioning & Monitoring Group-I of the**  
**NCR Planning Board**

The 63<sup>rd</sup> Meeting of the Project Sanctioning & Monitoring Group-I (PSMG-I) was held at 05:15 p.m. on 22.08.2023 under the Chairmanship of Secretary (HUA), Ministry of Housing & Urban Affairs, Government of India.

The list of the participants is enclosed as **Annexure-I**.

Member Secretary, NCRPB welcomed the participants and initiated the discussion with the permission of the Chair.

**Agenda Item No. 63/1: Confirmation of the Minutes of the 62<sup>nd</sup> Meeting of the PSMG-I held on 31.03.2023**

1.1 The Minutes were confirmed.

**Agenda Item No. 63/2 (Revised): ATR of 62<sup>nd</sup> PSMG-I meeting decisions**

2.1 Action Taken Report on the decisions of the 62<sup>nd</sup> Meeting of the PSMG-I held on 31.03.2021 was noted and following points were discussed:-

2.2.1 The Group was also apprised that NMRC has submitted UC/CC for Part-A for main project (completed portion) and accordingly, project declared completed. NMRC will submit Part-B for AMC/O&M or other later.

**Agenda Item no.63/3: Proposal regarding Financial Approval for Preparation of 03 Functional Plans for NCR – 2041**

3.1 The Group directed that NCRPB should ensure that these Functional Plans, being prepared, should be very useful and implementable. Group also directed that, to ensure the quality, the reports right from Inception Report should be checked carefully and only after duly verifying the quality, usefulness, implementability of the report/s and its acceptance & approval, the payment should be released. Accordingly, the group decided that the “Deliverables and Time/Payment Schedule” should be revised as under:-

**Deliverables and Time/Payment Schedule**

The time-schedule for completion of various stages and payment schedule shall be as per the following: -

Phases	Stage Report/Deliverables	No. of Copies	Schedule	Cumulative Time Period (From date of LoA acceptance by the successful Bidding Entity)	Payment Schedule (percent of total approved Cost)
1	Inception Report	15+ Softy Copy	03 Weeks	03 Weeks	10% will be released only after duly verifying the quality, usefulness, implementability of the report and its acceptance & approval
2	Interim Report	15+ Softy Copy	12 Weeks	15 Weeks	15% will be released only after duly verifying the quality, usefulness, implementability of the report and its acceptance & approval
3	Draft Final Report (including observations and suggestions)	15+ Softy Copy	12 Weeks	27 Weeks	20% will be released only after duly verifying the quality, usefulness, implementability of the report and its acceptance & approval
4	Final Report	30+ Soft	11 Weeks	38 Weeks	25% will be released

		Copy			only after duly verifying the quality, usefulness, implementability of the report and its acceptance & approval
5	Approval of Report/Functional Plan	30+ Soft Copy	Subject to Approval	Subject to Approval	20% will be released only after duly verifying the quality, usefulness, implementability of the report/functional plan and its acceptance & approval
6	Handholding Support for one year after approval of Functional Plan for onboarding the states for FP implementation				10% (2% each at the end of 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> quarter and remaining 4% at the end of 4 <sup>th</sup> quarter) will be released as Final payment on satisfactory completion of handling support for one year"

The "Deliverables and Time/Payment Schedule" of the RFP should be accordingly revised and the revised Deliverables and Time/Payment Schedule should be part of the Work Order/Letter of Award.

3.2 The Group noted the status as presented and proposal regarding preparation of 03 Functional Plans for Education and Skill Development, Health Sector and Tourism and Heritage for NCR was approved with the condition as per Para 3.1 above.

**Supplementary Agenda Item No.63/SA-1: New Project Proposals (of PWD B&R/HSRDC Haryana) for consideration of financial assistance**

Supplementary Agenda	Decision
SA-1.1: Strengthening of Meham to Kalanaur to Beri upto Distt. Boundary (i/c MDR-122) road from km. 0.000 to 33.880 in Rohtak District, Haryana	The Group approved loan assistance for Rs. 38.719 Cr. with estimated project cost of Rs. 51.626 Cr. as per agenda notes.
SA-1.2: Strengthening of Jhajjar to Kosli Road Km. 0.000 to 30.000 in Jhajjar District,	The Group approved loan assistance for Rs. 45.667 Cr. with estimated project cost of Rs.

Haryana	60.890 Cr. as per agenda notes.
SA-1.3: Construction of Flyover on Sukhpura Chowk on old NH-71A from Km 4.975 to 5.695 (720 Mtr.) in Rohtak District, Haryana	The Group approved loan assistance for Rs. 49.41 Cr. with estimated project cost of Rs. 65.88 Cr. as per agenda notes.
SA-1.4: Improvement of Nuh Palwal road (k.m. 2.00 to 32.00) (SH-13) (id 3536) in Nuh & Palwal District, Haryana	The Group approved loan assistance for Rs. 103.174 Cr. with estimated project cost of Rs. 137.565 Cr. as per agenda notes.
SA-1.5: Construction of Flyover along carrier lined channel crossing Panipat-Safido-Jind-Bhiwani Road (SH-14) in Panipat District, Haryana	The Group approved loan assistance for Rs. 19.85 Cr. with estimated project cost of Rs. 26.47 Cr. as per agenda notes.
SA-1.6: Construction of ROB on Jind - Panipat Railway Section at Km. 68 / 21 A- 22 & Delhi Ambala Section at KM. 89/18-19 in Panipat District, Haryana	The Group approved loan assistance for Rs. 52.815 Cr. with estimated project cost of Rs. 73.24 Cr. as per agenda notes.
SA-1.7: Construction of ROB Parallel to the existing ROB on Panipat G.T. Road to Dahar upto NH-709 on Delhi-Ambala Railway Section at km. 87/1-2 in Panipat District, Haryana	The Group approved loan assistance for Rs. 19.48 Cr. with estimated project cost of Rs. 25.98 Cr. as per agenda notes.
SA-1.8: Strengthening of Rohtak Kharkhoda Delhi Border road from km. 11.200 to 22.200 in Rohtak District, Haryana	The Group approved loan assistance for Rs. 14.59 Cr. with estimated project cost of Rs. 19.46 Cr. as per agenda notes.

**Supplementary Agenda Item No. 63/SA-2: Status of projects financed by the NCR Planning Board**

2.1 The Group noted the status of projects financed by NCR Planning Board.

2.2 The Group expressed concern over major stuck up projects of PHED Rajasthan and JDA and directed IAs to expedite the completion of long delayed projects.

**Supplementary Agenda Item No. 63/SA-3: Environmental and Social Guidelines of NCRPB**

3.1 The Group noted the status regarding revision of Environmental and Social Guidelines for projects funded by NCRPB, in line with GoI laws/rules to simplify the process for availing loan by IAs.

**Supplementary Agenda Item No. 63/SA-4: Status - Assistance by Asian Development Bank (ADB) and KfW (German Development Bank) to NCRPB**

4.1 The Group noted the status.

**Supplementary Agenda Item No. 63/SA-5: Status - Status of recovery of commitment charges due to delay/ non-drawal of loan in projects being funded under the ADB/KfW line of credit.**

5.1 The Group noted the status of recovery of commitment charges and approved the revision of commitment charges for PHED Haryana made by NCRPB due to technical reasons.

5.2 ACEO, GNIDA informed the Group that they are taking the matter of commitment charges to their Board.

5.3 The request of PHED Rajasthan for waiver of commitment charges was not acceded to by the Group since the same has already been paid to ADB/KfW by NCRPB, and especially since delay in bidding process was due to IA itself.

6. The Meeting ended with a vote of thanks to the Chair.

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**Annexure- I****List of Participants**

- |    |   |   |
|----|---|---|
| 1. | Shri Manoj Joshi, Secretary (HUA), Ministry of Housing and Urban Affairs                        | Chairman  |
| 2. | <b>Dr. Surendrakumar Bagde, Additional Secretary (D),</b> Ministry of Housing and Urban Affairs | Member  |
| 3. | Shri <b>Sanjeet</b> , Jt. Secretary & Financial Advisor, Ministry of Housing and Urban Affairs, | Member  |
| 4. | Smt. Archana Agrawal, Member Secretary, NCR Planning Board, New Delhi                           | Member-Convener   |
| 5. | Ms. Sanyukta Samaddar, Commissioner, NCR Planning & Monitoring Cell, Uttar Pradesh              | Representing Additional Chief Secretary, Housing & Urban Planning Department, Government of Uttar Pradesh |
| 6. | Shri Devendra Nimbekar, Chief Coordinator Planner, NCR Planning & Monitoring Cell, Haryana      | Representing Additional Chief Secretary, Town & Country Planning Department, Government of Haryana        |
| 7. | Shri O P Pareek, Chief Town Planner, NCR Planning & Monitoring Cell, Rajasthan                  | Representing Principal Secretary, Urban Development & Housing Department, Govt. of Rajasthan              |
| 8. | Ms. Anjali Pancholy, Associate TCP, Town & Country Planning Organization                        | Representing Chief Planner, , Town & Country Planning   |

**Organization****a. NCR Planning & Monitoring Cells**

9. Shri Rajesh Prakash, Addl. Commissioner, NCR Planning & Monitoring Cell, Uttar Pradesh
10. Shri S.C. Gaur, NCR Planning & Monitoring Cell, Uttar Pradesh
11. Shri G.S. Rawat, Director (Planning), NCR Planning & Monitoring Cell, Delhi
12. Shri Vijay Kumar, STP, NCR Planning & Monitoring Cell, Haryana
13. Shri Vijay Meena, DTP, NCR Planning & Monitoring Cell, Rajasthan
14. Shri ShivamKasana, NCR Planning & Monitoring Cell, Uttar Pradesh

**HARYANA****PWD (B&R)/HSRDC Haryana**

15. Shri Anil Kumar Dahiya,, Managing Director
16. Shri Vikas Kumar, GM
17. Shri Jagveer Singh Kajla, GM
18. Shri SurenderDalal, SE
19. Shri Ajit Singh, DGM
20. Shri UdayvirJhajhria, DGM

**PHED Haryana**

21. Shri Shailender Singh, Chief Engineer

**RAJASTHAN****PHED Rajasthan**

22. Shri Anil Kachhwaha, SE
23. Shri Rajesh Kumar, SE
24. Shri Ranjeet Singh Meena, EE

**DELHI****MCD**

25. Shri Gagan Khanna, EE

**UTTAR PRADESH****GNIDA**

26. Shri AmandeepDuli, Additional Chief Executive Officer  
27. Shri Chet Ram, Sr. Manager

**NMRC**

28. Shri Pankaj Malhotra, GM (Finance)  
29. Shri Rajan Prakash, DGM (Finance)

**COUNTER MAGNET AREA****JDA**

30. Shri Sanjeev Kt. Jain, ACE  
31. Shri Sunil Shukla, SE

**CAD, Hissar**

32. Shri V.P. Agarwal  
33. Shri Vijay Khatri

**NCR Planning Board**

34. Shri Jugmohan Singh, Chief Regional Planner  
35. Shri JagdishParwani, Director (Admin. & Finance)  
36. Shri Ramesh Dev, Dy. Director (Tech.-URP)/IC-PMC  
37. Shri Ajitabh Saxena, Finance & Accounts Officer  
38. Shri Naresh Kumar, Assistant Director (Tech)  
39. Shri Satyabir Singh, Assistant Director (Tech)  
40. Shri Atul Chaudhary, Assistant Director (Fin)

**Agenda Item No. 64/2: ATR of 63<sup>rd</sup> PSMG-I meeting decisions**

2.1 The following actions have been taken on the decisions of the 63<sup>rd</sup> Meeting of the PSMG-I held on 22.08.2023:-

Agenda Item No.	Agenda proposed & decisions taken	Action Taken / Status
1	2	3
63/1	Confirmation of the Minutes of the 63 <sup>rd</sup> Meeting of the PSMG-I held on 22.08.2023  The Minutes were confirmed	No action to be taken.
63/2	2.2.1 (of 62 <sup>nd</sup> PSMG-I): The Group was also apprised that NMRC has submitted UC/CC for Part-A for main project (completed portion) and accordingly, project declared completed. NMRC will submit Part-B for AMC/O&M or other later.	The UC/CC for Part-B is yet to be submitted by NMRC. On submission, the same will be placed on record of NCRPB.
63/3	Proposal regarding Financial Approval for Preparation of 03 Functional Plans for NCR- 2041  3.2 The Group noted the status as presented and proposal regarding preparation of 03 Functional Plans for Education and Skill Development, Health Sector and Tourism and Heritage for NCR was approved with the condition as per Para 3.1 of the MoM regarding revised Deliverables and Time / Payment Schedule.	The " <b>Deliverables and Time/ Payment Schedule</b> " have been revised and made part of the Work Order/Letter of Award. Accordingly, as per the approval of the PSMG-I, the Letter of Award(s) dated 06.10.2023 has been issued to the successful bidding entities as under: <ul style="list-style-type: none"> <li>• <b>Functional Plan for Education and Skill Development</b> - M/s. Rudrabhishek Enterprises Limited in JV with M/s Wachaspati Madhupati Prani Sewa Sansthan (U.P).</li> <li>• <b>Functional Plan on Health Sector</b> - M/s IPE Global Limited, New Delhi</li> <li>• <b>Functional Plan on Tourism and Heritage</b> - M/s. Egis India Consulting Engineers Pvt. Ltd. in JV with EgisVoltere, France</li> </ul> The aforesaid revised "Deliverables and Time/Payment Schedule" has been also incorporated in the draft RFQ-cum-RFP document for the other Functional Plan(s).



Agenda Item No.	Agenda proposed & decisions taken	Action Taken / Status
1	2	3
<b>63/SA-1</b>	<b>Supplementary Agenda Items:</b> New Project Proposals (of PWD B&R/HSRDC Haryana) for consideration of financial assistance	
<b>63/SA-1.1</b>	Strengthening of Meham to Kalanaur to Beri upto Distt. Boundary (i/c MDR-122) road from km. 0.000 to 33.880 in Rohtak District, Haryana  The Group approved loan assistance for Rs. <b>38.719</b> Cr. with estimated project cost of Rs. <b>51.626</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/8/2023/F&A/ NCRPB-Loan (9163695) has been issued on 13.10.2023 with financial sanction of Rs. 38.719 Cr. An amount of Rs. 38.719 crore has been released on 12.12.2023.
63/SA-1.2	Strengthening of Jhajjar to Kosli Road Km. 0.000 to 30.000 in Jhajjar District, Haryana  The Group approved loan assistance for Rs. <b>45.667</b> Cr. with estimated project cost of Rs. <b>60.890</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/11/2023/F&A/ NCRPB-Loan (9164137) has been issued on 13.10.2023 with financial sanction of Rs. 45.667 Cr. An amount of Rs. 45.667 crore has been released on 12.12.2023.
63/SA-1.3	Construction of Flyover on Sukhpura Chowk on old NH-71A from Km 4.975 to 5.695 (720 Mtr.) in Rohtak District, Haryana  The Group approved loan assistance for Rs. <b>49.41</b> Cr. with estimated project cost of Rs. <b>65.88</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/14/2023/F&A/ NCRPB-Loan (9164670) has been issued on 13.10.2023 with financial sanction of Rs.49.41 Cr. An amount of Rs. 32.61 crore has been released on 22.11.2023 as first instalment of loan.
63/SA-1.4	Improvement of Nuh Palwal road (k.m. 2.00 to 32.00) (SH-13) (id 3536) in Nuh & Palwal District, Haryana  The Group approved loan assistance for Rs. <b>103.174</b> Cr. with estimated project cost of Rs. <b>137.565</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/13/2023/F&A/ NCRPB-Loan (9164139) has been issued on 13.10.2023 with financial sanction of Rs.103.174 Cr. An amount of Rs. 51.59 crore has been released on 07.02.2024 as first instalment of loan.
63/SA-1.5	Construction of Flyover along carrier lined channel crossing Panipat-Safido-Jind-Bhiwani Road (SH-14) in Panipat District, Haryana	Administrative Sanction Order No. Y-170101/14/2023/F&A/ NCRPB-Loan (9164140) has been issued on 13.10.2023 with financial sanction of Rs.19.85 Cr.



Agenda Item No.	Agenda proposed & decisions taken	Action Taken / Status
1	2	3
	The Group approved loan assistance for Rs. <b>19.85</b> Cr. with estimated project cost of Rs. <b>26.47</b> Cr. as per agenda notes.	An amount of Rs. 11.91 crore has been released on 12.12.2023 as first instalment of loan.
63/SA-1.6	Construction of ROB on Jind –Panipat Railway Section at Km. 68 / 21 A- 22 & Delhi Ambala Section at KM. 89/18-19 in Panipat District, Haryana  The Group approved loan assistance for Rs. <b>52.815</b> Cr. with estimated project cost of Rs. <b>73.24</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/15/2023/F&A/ NCRPB-Loan (9164141) has been issued on 13.10.2023 with financial sanction of Rs.52.815 Cr. An amount of Rs.31.689 crore has been released on 07.02.2024 as first instalment of loan.
63/SA-1.7	Construction of ROB Parallel to the existing ROB on Panipat G.T. Road to Dahar upto NH-709 on Delhi-Ambala Railway Section at km. 87/1-2 in Panipat District, Haryana  The Group approved loan assistance for Rs. <b>19.48</b> Cr. with estimated project cost of Rs. <b>25.98</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/18/2023/F&A/ NCRPB-Loan (9164143) has been issued on 13.10.2023 with financial sanction of Rs.19.48 Cr. An amount of Rs. 11.69 crore has been released on 12.12.2023 as first instalment of loan.
63/SA-1.8	Strengthening of Rohtak Kharkhoda Delhi Border road from km.11.200 to 22.200 in Rohtak District, Haryana  The Group approved loan assistance for Rs. <b>14.59</b> Cr. with estimated project cost of Rs. <b>19.46</b> Cr. as per agenda notes.	Administrative Sanction Order No. Y-170101/17/2023/F&A/ NCRPB-Loan (9164144) has been issued on 13.10.2023 with financial sanction of Rs.14.59 Cr. An amount of Rs.14.59 crore has been released on 12.12.2023.
63/SA-2	<b>Status of projects financed by the NCR Planning Board</b>  The Group noted the status of projects financed by NCR Planning Board.  The Group expressed concern over major stuck up projects of PHED Rajasthan and JDA and directed IAs to expedite the completion of long delayed projects.	No action required.  As a follow up, Review Meetings were held on 27.10.2023, 07.01.2024, 10.01.2024 and 06.02.2024 to review and expedite the completion of long delayed projects of PHED Rajasthan and JDA.



Agenda Item No.	Agenda proposed & decisions taken	Action Taken / Status
1	2	3
63/SA-3	<b>Environmental and Social Guidelines of NCRPB</b>  The Group noted the status regarding revision of Environmental and Social Guidelines for projects funded by NCRPB, in line with GoI laws/rules to simplify the process for availing loan by IAs.	No action required.
63/SA-4	<b>Status-Assistance by Asian Development Bank (ADB) and KfW (German Development Bank) to NCRPB</b>  The Group noted the status.	No action required.
63/SA-5	<b>Status of recovery of commitment charges due to delay/ non-drawal of loan in projects being funded under the ADB/KfW line of credit.</b>  5.1 The Group noted the status of recovery of commitment charges and approved the revision of commitment charges for PHED Haryana made by NCRPB due to technical reasons.  5.2 ACEO, GNIDA informed the Group that they are taking the matter of commitment charges to their Board.  5.3 The request of PHED Rajasthan for waiver of commitment charges was not acceded to by the Group since the same has already been paid to ADB/KfW by NCRPB, and especially since delay in bidding process was due to IA itself.	Commitment charges of Rs.5.84 lakh due from PHED, Haryana has been received on 20.10.2023.  Commitment charges of Rs.23.40 lakh only received from GNIDA on 17.11.2023 and balance amount of Rs.1.50 crore is yet to be paid by GNIDA, despite several reminders.  Commitment charges of Rs.1.24 crore is yet to be received from PHED, Rajasthan, despite several reminders.



**Agenda Item no.64/3: New Project Proposals for consideration of financial assistance****Agenda Item No. 3.1: Jaipur Metro Rail Project Phase-1C (Extension of E-W Corridor from Badi Chaupar to Transport Nagar) by JMRC****Introduction**

- 3.1.1 The Board had received this project proposal earlier and placed before the PSMG-I in its 62<sup>nd</sup> meeting held on 31.03.2023 for consideration of financial assistance. However, the Group asked IA to get regulatory clearances from Ministry of Housing & Urban Affairs (MoHUA) first and accordingly deferred the Agenda Item.
- 3.1.2 NCR Cell Rajasthan vide letter dt. 01.02.2024 has communicated NCRPB that necessary approval has been obtained from MoHUA. Copy is at **Annexure-64/3.1-I**.
- 3.1.3 The Board received request for sanction of financial assistance for development of Jaipur Metro Phase 1C from Badi Chaupar to Transport nagar via Ramganj Chaupar which is an extension of the Phase 1B (Chandpole to Badi Chaupar) towards Transport Nagar (Delhi-Agra Highway) with an aggregated estimated cost of Rs. 980.08 Cr. The implementing agency will be Jaipur Metro Rail Corporation (JMRC) on behalf of Jaipur Development Authority (JDA).

**Project Details**

- 3.1.4 This Project is an extension of existing E-W corridor (Mansarovar to Badi Chaupar) beyond Badi Chaupar. Only two stations are proposed in this extension. First station to be considered in this extension is Ramganj Chaupar and last (second) station is named as Transport Nagar. Since this section is extension of existing corridor, thus there is only one Terminal Station i.e. Transport Nagar.
- 3.1.5 Total length of this extension is 2.85km, out of this 2.26km is proposed as underground and remaining 0.59km is elevated.
- 3.1.6 This extension runs from West to South-East direction. It connects existing E-W corridor of the city with Ramganj Bazar, Surajpol Bazar and Transport Nagar.
- 3.1.7 Land as required in the project is in the possession of the IA

**3.1.8 Salient Features**

System & Concept	Conventional Metro with technology, SOD same as in Phase 1A (Mansarovar to Chandpole) and Phase 1B (Badi Chaupar]
Route	Badi Chaupar to Transport Nagar (Extension of Phase 1)
Length	2.85 Km (Elevated- 0.59 Km, Underground- 2.26 Km)
Stations	02 nos. (01-UG at Ramganj / 01-Elevated at Transport Nagar)
Depot	No requirement of additional depot



Rolling Stock	No requirement of additional Rolling Stock
Traffic Projection (2051)	Daily ridership 4,01,776; Maximum PHPTD 12523 (The above data is for complete section from Mansarovar to Transport Nagar)
Completion Cost	INR 980.08 crore with land and all taxes/duties at price level July, 2022  Note: Above completion cost is for project to be implemented completely through State Government funding
Indices	FIRR 4.40% ; EIRR 18.54%
Mode of Funding	Completely funded through State Government agencies / resources
Land Acquisition/R&R	No acquisition of private land is proposed for the project.  Although no resettlement and rehabilitation is proposed under the project, however if any such situation arises, necessary compliances will be ensured.

### Project Cost & Financing

3.1.9 The total estimated cost of the project amounting to **Rs. 980.08 Cr.** is proposed to be met as under:-

(Rs. in Crore)	
Loan amount from NCRPB	735.06
JDA/JMRC	245.02
<b>Total</b>	<b>980.08</b>

### Abstract of Cost

(Rs. in Crore)				
S.No.	Work	Component Amount	Tax & Duties Amount	Total*
1	Land (R&R incl. Hutments etc.)	11.74	2.11	13.85
2	Alignment and Formation	331.44	63.62	395.06
3	Station Buildings	208.38	40.61	248.99
4	Depot, Admin Building and OCC	0.00	0.00	0.00
5	P-Way	22.32	4.31	26.63
6	Traction & Power Supply 25 KV Overhead Catenary System (OCS)	36.10	7.44	43.54
7	Signaling and Telecom	31.72	6.73	38.45
8	Shifting of Miscellaneous Utilities	11.54	3.52	15.06
9	Rolling Stock (2.9 m wide Coaches)	0.00	0.00	0.00
10	Capital expenditure on security	0.88	0.00	0.88



S.No.	Work	Component Amount	Tax & Duties Amount	Total*
11	Staff quarter for O&M	0.00	0.00	0.00
12	Multimodal Integration and Last mile connectivity	7.12		7.12
	<b>Total of all items except Land</b>	<b>661.24</b>	<b>128.34</b>	<b>789.58</b>
	General Charges including design charges @5% on all items except land	33.06	5.96	39.02
	Total of all items including G. Charges except land	694.30	134.30	828.60
	Contingencies @3%	20.83		20.83
	<b>Total</b>	<b>715.13</b>	<b>134.30</b>	<b>849.43</b>

\*Completion cost with all taxes & duties and escalation at 5% p.a. works out to **Rs.980.08 Cr.**

### Drawl Schedule and Sharing Pattern

3.1.10 JMRC on behalf of JDA will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in Crore)

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2023-24	30.00	10.00	20 years	7.00%	5 years	40.00
2024-25	225.00	75.00	19 years		4 years	300.00
2025-26	299.35	99.78	18 years		3 years	399.13
2026-27	180.71	60.24	17 years		2 years	240.95
<b>Total</b>	<b>735.06</b>	<b>245.02</b>				<b>980.08</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

### 3.1.11 General Particulars

1.	Project	<b>Jaipur Metro Rail Project Phase-1C (Extension of E-W Corridor from Badi Chaupar to Transport Nagar) by JMRC</b>
2.	Type of Project	Transport
3.	Borrowing agency	Rajasthan Government
4.	Implementing agency	JMRC on behalf of JDA



### 3.1.12 Financial Particulars

1.	Estimated total cost of project	Rs. 980.08 Cr.
2.	Loan from NCRPB	Rs. 735.06 Cr.
3.	State Government of Rajasthan funds	Rs. 245.02 Cr.
4.	Provision in State Budget of Principal & interest	To be provided by Govt. of Rajasthan in the budget of corresponding financial year.
5.	Tenure of loan	20 years including 5 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	April 2027

### Benefits to be generated

3.1.13 The main benefits addressed by mass transport are the mobility and freedom. The sustainability of mass transport has greater potential and major benefits occur through immediate means of helping the environment and conserving energy. In developing countries, like India, benefit through mass transit systems extend to urban poor with affordable fare structure when compared with costs incurred by private transportation on fuels, parking, congestion etc. The supply of planned and integrated mass public transport is the only way to relieve traffic congestion and reduce hours of delay on major travel corridors.

As a means of integrated mass public transport, proposed metro rail project comprises a fully segregated rail-based mass transit system, which could be at grade, elevated or underground. Due to its physical segregation and system technology, metro rail can have a very high capacity upto 80,000 passengers per hour per direction (PPHPD).

### Proposal for consideration of the Group

3.1.14 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from JDA/JMRC and accord approval for financial assistance to the tune of **Rs. 735.06 Cr.** i.e., 75% of the project cost of **Rs. 980.08 Cr.** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.



- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.





Annexure-64/3.1-I

**Government of Rajasthan**  
**Office of Chief town planner (NCR) Rajasthan,**  
**Nagar Niyojan Bhawan, J.L.N. Marg, Jaipur 302004**  
**Telefax- 0141 2561377, Email:ncsrp@gmail.com**

No. TPR/NCR/PFA/Jaipur Metro/34

Date: FEB 2024

**Member Secretary,**  
**National Capital Region Planning Board,**  
**1st Floor, Zone-IV-B,**  
**India Habitat Centre,**  
**Lodhi Road, New Delhi-110003.**


**Sub.:** Regarding In-Principle approval from GoI over Jaipur Metro Phase 1C & Phase 1D and projects financial assistance from NCRPB.

**Ref.:** Director (Project), Jaipur Metro Rail Corporation Ltd. letter dated 31.01.2024.

Respected Madam,

This is to bring to your kind notice that as per the direction given in the 62nd meeting of PSMG-I of NCRPB held on 31st March 2023 regarding regulatory clearance over Jaipur metro phase 1C & 1D, the in-principle approval has been granted by MoHUA (urban transport division) vide its letter dated 30.01.2024 (copy enclosed). In this regard, a letter dated 31.01.2024 from Director (Project), Jaipur Metro Rail Corporation Ltd., Jaipur has been received in this office (copy enclosed), both these letters are annexed with the request to kindly accord approval of NCRPB for financial assistance.

Regards,

  
 11/2/24

**(O.P. Parcek)**  
**Chief Town Planner (NCR),**  
**Rajasthan, Jaipur**

Enclosed- As above



JAIPUR METRO

**JAIPUR METRO RAIL CORPORATION LIMITED**

(A Government of Rajasthan Undertaking)

Admin Building, Metro Depot, Bhargu Path, Mansarovar, Jaipur-302020

CIN. U60221RJ2010SGC030630

Website: [www.transport.rajabasthan.gov.in](http://www.transport.rajabasthan.gov.in)

11/01/24  
A. K. Saxena  
Director (Project)

F.7 (C-439)/JMRC/Funding Phase 1C&amp;1D/2023/971

Date: 31.01.2024

Chief Town Planner  
National Capital Region Cell  
Office of 'The Chief Town Planner'  
Jawaharlal Nehru Marg, Near JDA Building  
Jaipur -302004

**Subject: Regarding In-Principle approval from GoI over Jaipur Metro Phase 1C & Phase 1D and project financial assistance from NCRPB.**

Ref: MoHUA/GoI letter no. K-14011/14/2023-UT-V dated 30.01.2024.

Dear Sir

With reference to the matter related with financial assistance for Jaipur Metro Phase 1C (Badi Chaupar to Transport Nagar) & Phase 1D (Mansarovar to Ajmer Road Chauraha) from NCRPB, we would like to inform you that MoHUA/GoI vide their letter referred above has granted In-principle approval for both the projects (Copy attached).

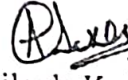
As a background, in the 62<sup>nd</sup> Meeting of PSMG-1 of NCRPB held on 31.03.2023, directions were given to seek regulatory clearances from MoHUA/GoI. Accordingly, Government of Rajasthan vide letter dated 04.04.2023 submitted relevant documentation and requested for In-Principle approval from MoHUA/GoI over Jaipur Metro Phase 1C & Phase 1D. In this regard, the Ministry has granted its approval on 30.01.2024.

Through this letter, we would like to request your office to kindly process for the matter related to financial assistance from NCR Planning Board, so that Jaipur Metro can deliver the project to meet its desired result.

You are hereby requested to kindly take appropriate action on priority please.

Thanking You,

Encl: As above

  
31/01/24  
(Akhilesh Kumar Saxena)  
Director (Project)  
0141-2822781

Copy to:

- 1) Director (Finance), Jaipur Development Authority.
- 2) Director (Finance), Jaipur Metro Rail Corporation.
- 3) Director (Admin. & Finance), NCR Planning Board, NCR Planning Board, Core 4-B, First Floor, India Habitat Center, New Delhi - 110003

  
31/01/24  
Director (Project)

**No. K-14011/14/2023-UT-V**  
**Government of India**  
**Ministry of Housing & Urban Affairs**  
**(Urban Transport Division)**

Nirman Bhawan, New Delhi  
Dated: 30<sup>th</sup> January, 2024

To,  
The Principal Secretary,  
Urban Development and Housing Department,  
Government of Rajasthan,  
Food Building, Secretariat  
Jaipur-302005 (Rajasthan)

**Subject: In-principle approval of metro rail extension lines - Jaipur Metro Phase 1C (Badi Chaupar to Transport Nagar) and Phase 1D (Mansarovar to Ajmer Road Chaurah).**

Sir,

I am directed to refer to the letter No. F.7(C-415)/JMRC/Phase1C/2022/01 dated 04.04.2023 from Urban Development and Housing Department, Government of Rajasthan and to convey "in-principle" approval of this Ministry for the proposed extensions Jaipur Metro Rail Project Phase-1C and Phase-1D as per the administrative and financial arrangement proposed in the said letter and further subject to following conditions:

- i. The directives issued by this Ministry on promoting indigenization and Make in India in metro rail projects and standard specifications of rolling stock, signalling and telecom, civil works, electrical and electro-mechanical metro rail components etc., eligibility criteria and other related issues should be taken into consideration.
- ii. The Public Procurement (Preference to Make in India) Order, 2017 as amended time to time and issued by GoI should be applicable in procurement of Goods, Services and Works.
- iii. It may be ensured that Indian companies are not left out on account of eligibility criteria.
- iv. 100% procurement of Goods and Services through GeM portal should be ensured. Only those goods and services should be procured outside GeM which are not available on GeM portal.

Yours faithfully,

  
(Ravi Kumar)

Under Secretary to the Govt. of India  
Tel: 011-23062285

**Copy to:**

The Managing Director, Jaipur Metro Rail Corporation Limited, Jaipur Rajasthan-302020.

### Agenda Item No. 3.2: Jaipur Metro Rail Project Phase-1D (Extension of E-W Corridor from Mansarovar to Ajmer Road (Chauraha)) by JMRC

#### Introduction

- 3.2.1 The Board had received this project proposal earlier and placed before the PSMG-I in its 62<sup>nd</sup> meeting held on 31.03.2023 for consideration of financial assistance. However, the Group asked IA to get regulatory clearances from Ministry of Housing & Urban Affairs (MoHUA) first and accordingly deferred the Agenda Item.
- 3.2.2 NCR Cell Rajasthan vide letter dt. 01.02.2024 has communicated NCRPB that necessary approval has been obtained from MoHUA. Copy is at **Annexure-64/3.2-I**.
- 3.2.3 The Board received request for sanction of financial assistance for development of Jaipur Metro Rail Project Phase-1D (Extension of E-W Corridor from Mansarovar to Ajmer Road (Chauraha)) with an aggregated estimated cost of Rs. 204.81 Cr. The implementing agency will be Jaipur Metro Rail Corporation (JMRC) on behalf of Jaipur Development Authority.

#### Project Details

- 3.2.4 This Project is an extension of existing E-W corridor (Mansarovar to Badi Chaupar) beyond Mansarovar. Only one station is proposed in this extension, which is named as Ajmer Road (Chauraha). Since this section is extension of existing corridor, thus there is only one Terminal Station i.e. Ajmer Road (Chauraha).

This extension will start from termination point of existing Mansarovar station having chainage (-)1218.93m.

- 3.2.5 Total length of this extension from start to dead end is 1.352km. The entire extension is proposed as elevated.
- 3.2.6 This extension runs from North-East to North-West direction. It connects existing E-W corridor of the city with Ajmer Road.
- 3.2.7 Land as required in the project is in the possession of the IA

#### 3.2.8 Salient Features

System & Concept	Conventional Metro with technology, SOD same as in Phase 1A (Mansarovar to Chandpole) and Phase 1B (Badi Chaupar]
Route	Mansarovar to Ajmer Road Chauraha (Extension of Phase 1)
Length	1.35 Km (All Elevated)
Stations	01 nos. (Elevated at Ajmer Rd Chauraha)
Depot	No requirement of additional depot



Rolling Stock	No requirement of additional Rolling Stock
Traffic Projection (2051)	Daily ridership 4,67,084; Maximum PHPTD 17369 {The above data is for complete section from Ajmer Road Chauraha - Mansarovar - Chandpole - Badi Chaupar- Transport Nagar}
Completion Cost	INR 204.81 crore (at price level April, 2022).  Note: Above completion cost is for project to be implemented completely through. State Government funding.
Indices	FIRR 15.07%; EIRR 20.77%
Mode of Funding	Completely funded through State Government agencies / resources
Land Acquisition/R&R	No acquisition of private land is proposed for the project. Although no resettlement and rehabilitation is proposed under the project, however if any such situation arises, necessary compliances will be ensured.

### Project Cost & Financing

3.2.9 The total estimated cost of the project amounting to **Rs. 204.81 Cr.** is proposed to be met as under:-

(Rs. in Crore)

Loan amount from NCRPB	153.60
JDA/JMRC	51.21
<b>Total</b>	<b>204.81</b>

### Abstract of Cost

(Rs. in Crore)

S.No.	Work	Component Amount	Tax & Duties Amount	Total*
1	Land (R&R incl. Hutments etc.)	5.57	1.00	6.57
2	Alignment and Formation	58.64	10.55	69.19
3	Station Buildings	32.78	5.92	38.70
4	Depot, Admin Building and OCC	0.00	0.00	0.00
5	P-Way	10.46	2.02	12.48
6	Traction & Power Supply 25 KV Overhead Catenary System (OCS)	11.88	2.45	14.33
7	Signalling and Telecom	15.30	3.25	18.55
8	Shifting of Miscellaneous Utilities	11.41	2.76	14.17
9	Rolling Stock (2.9 m wide Coaches)	0.00	0.00	0.00
10	Capital expenditure on security	0.43	0.00	0.43
11	Staff quarter for O&M	0.00	0.00	0.00



S.No.	Work	Component Amount	Tax & Duties Amount	Total*
12	Multimodal Integration and Last mile connectivity	3.52		3.52
	<b>Total of all items except Land</b>	<b>149.99</b>	<b>27.95</b>	<b>177.94</b>
	General Charges including design charges @5% on all items except land	7.50	1.35	8.85
	Total of all items including G. Charges except land	157.49	29.30	186.79
	Contingencies @3%	4.72		4.72
	<b>Total</b>	<b>162.21</b>	<b>29.30</b>	<b>191.51</b>

\*Completion cost with all taxes & duties and escalation at 5% p.a. works out to **Rs.204.81 Cr.**

### Drawl Schedule and Sharing Pattern

3.2.10 JMRC on behalf of JDA will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in Cr.)

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI*	Moratorium period	Phasing of expenditure
2023-24	10.50	3.50	20 years	7.00%	5 years	14.00
2024-25	63.80	21.27	19 years		4 years	85.07
2025-26	59.85	19.95	18 years		3 years	79.80
2026-27	19.45	6.49	17 years		2 years	25.94
<b>Total</b>	<b>153.60</b>	<b>51.21</b>				<b>204.81</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

### 3.2.11 General Particulars

1.	Project	<b>Jaipur Metro Rail Project Phase-1D (Extension of E-W Corridor from Mansarovar to Ajmer Road (Chauraha)) by JMRC</b>
2.	Type of Project	Transport
3.	Borrowing agency	Rajasthan Government
4.	Implementing agency	JMRC on behalf of JDA



**3.2.12 Financial Particulars**

1.	Estimated total cost of project	Rs. 204.81 Cr.
2.	Loan from NCRPB	Rs. 153.60 Cr.
3.	State Government of Rajasthan funds	Rs. 51.21 Cr.
4.	Provision in State Budget of Principal & interest	To be provided by Govt. of Rajasthan in the budget of corresponding financial year.
5.	Tenure of loan	20 years including 5-year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	March, 2026

**Benefits to be generated**

3.2.13 The main benefits addressed by mass transport are the mobility and freedom. The sustainability of mass transport has greater potential and major benefits occur through immediate means of helping the environment and conserving energy. In developing countries, like India, benefit through mass transit systems extend to urban poor with affordable fare structure when compared with costs incurred by private transportation on fuels, parking, congestion etc. The supply of planned and integrated mass public transport is the only way to relieve traffic congestion and reduce hours of delay on major travel corridors.

As a means of integrated mass public transport, proposed metro rail project comprises a fully segregated rail-based mass transit system, which could be at grade, elevated or underground. Due to its physical segregation and system technology, metro rail can have a very high capacity upto 80,000 passengers per hour per direction (PPHPD).

**Proposal for consideration of the Group**

3.2.14 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from JDA/JMRC and accord approval for financial assistance to the tune of **Rs. 153.60 Cr.** i.e., 75% of the project cost of **Rs. 204.81 Cr.** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.



- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.





Annexure-64/3.2-I

**Government of Rajasthan**  
**Office of Chief town planner (NCR) Rajasthan,**  
**Nagar Niyojan Bhawan, J.L.N. Marg, Jaipur 302004**  
**Telefax- 0141 2561377, Email:ncsrp@gmail.com**

No. TPR/NCR/PFA/Jaipur Metro/34

Date: FEB 2024

**Member Secretary,**  
**National Capital Region Planning Board,**  
**1st Floor, Zone-IV-B,**  
**India Habitat Centre,**  
**Lodhi Road, New Delhi-110003.**

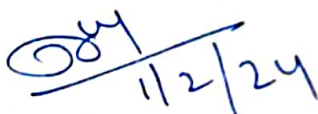
**Sub.:** Regarding In-Principle approval from GoI over Jaipur Metro Phase 1C & Phase 1D and projects financial assistance from NCRPB.

**Ref.:** Director (Project), Jaipur Metro Rail Corporation Ltd. letter dated 31.01.2024.

Respected Madam,

This is to bring to your kind notice that as per the direction given in the 62nd meeting of PSMG-I of NCRPB held on 31st March 2023 regarding regulatory clearance over Jaipur metro phase 1C & 1D, the in-principle approval has been granted by MoHUA (urban transport division) vide its letter dated 30.01.2024 (copy enclosed). In this regard, a letter dated 31.01.2024 from Director (Project), Jaipur Metro Rail Corporation Ltd., Jaipur has been received in this office (copy enclosed), both these letters are annexed with the request to kindly accord approval of NCRPB for financial assistance.

Regards,

  
 (O.P. Parcek)  
 Chief Town Planner (NCR),  
 Rajasthan, Jaipur

Enclosed- As above



JAIPUR METRO

**JAIPUR METRO RAIL CORPORATION LIMITED**

(A Government of Rajasthan Undertaking)

Admin Building, Metro Depot, Bhargu Path, Mansarovar, Jaipur-302020

CIN. U60221RJ2010SGC030630

Website: [www.transport.rajabasthan.gov.in](http://www.transport.rajabasthan.gov.in)

11/01/24  
A. K. Saxena  
Director (Project)

F.7 (C-439)/JMRC/Funding Phase 1C&amp;1D/2023/971

Date: 31.01.2024

Chief Town Planner  
National Capital Region Cell  
Office of 'The Chief Town Planner'  
Jawaharlal Nehru Marg, Near JDA Building  
Jaipur -302004

**Subject: Regarding In-Principle approval from GoI over Jaipur Metro Phase 1C & Phase 1D and project financial assistance from NCRPB.**

Ref: MoHUA/GoI letter no. K-14011/14/2023-UT-V dated 30.01.2024.

Dear Sir

With reference to the matter related with financial assistance for Jaipur Metro Phase 1C (Badi Chaupar to Transport Nagar) & Phase 1D (Mansarovar to Ajmer Road Chauraha) from NCRPB, we would like to inform you that MoHUA/GoI vide their letter referred above has granted In-principle approval for both the projects (Copy attached).

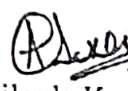
As a background, in the 62<sup>nd</sup> Meeting of PSMG-1 of NCRPB held on 31.03.2023, directions were given to seek regulatory clearances from MoHUA/GoI. Accordingly, Government of Rajasthan vide letter dated 04.04.2023 submitted relevant documentation and requested for In-Principle approval from MoHUA/GoI over Jaipur Metro Phase 1C & Phase 1D. In this regard, the Ministry has granted its approval on 30.01.2024.

Through this letter, we would like to request your office to kindly process for the matter related to financial assistance from NCR Planning Board, so that Jaipur Metro can deliver the project to meet its desired result.

You are hereby requested to kindly take appropriate action on priority please.

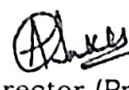
Thanking You,

Encl: As above

  
(Akhilesh Kumar Saxena)  
Director (Project)  
0141-2822781

Copy to:

- 1) Director (Finance), Jaipur Development Authority.
- 2) Director (Finance), Jaipur Metro Rail Corporation.
- 3) Director (Admin. & Finance), NCR Planning Board, NCR Planning Board, Core 4-B, First Floor, India Habitat Center, New Delhi - 110003

  
Director (Project)

No. K-14011/14/2023-UT-V  
 Government of India  
 Ministry of Housing & Urban Affairs  
 (Urban Transport Division)

Nirman Bhawan, New Delhi  
 Dated: 30<sup>th</sup> January, 2024

To,  
 The Principal Secretary,  
 Urban Development and Housing Department,  
 Government of Rajasthan,  
 Food Building, Secretariat  
 Jaipur-302005 (Rajasthan)

**Subject: In-principle approval of metro rail extension lines - Jaipur Metro Phase 1C (Badi Chaupar to Transport Nagar) and Phase 1D (Mansarovar to Ajmer Road Chaurah).**

Sir,

I am directed to refer to the letter No. F.7(C-415)/JMRC/Phase1C/2022/01 dated 04.04.2023 from Urban Development and Housing Department, Government of Rajasthan and to convey "in-principle" approval of this Ministry for the proposed extensions Jaipur Metro Rail Project Phase-1C and Phase-1D as per the administrative and financial arrangement proposed in the said letter and further subject to following conditions:

- The directives issued by this Ministry on promoting indigenization and Make in India in metro rail projects and standard specifications of rolling stock, signalling and telecom, civil works, electrical and electro-mechanical metro rail components etc., eligibility criteria and other related issues should be taken into consideration.
- The Public Procurement (Preference to Make in India) Order, 2017 as amended time to time and issued by GoI should be applicable in procurement of Goods, Services and Works.
- It may be ensured that Indian companies are not left out on account of eligibility criteria.
- 100% procurement of Goods and Services through GeM portal should be ensured. Only those goods and services should be procured outside GeM which are not available on GeM portal.

Yours faithfully,

  
 (Ravi Kumar)

Under Secretary to the Govt. of India  
 Tel: 011-23062285

Copy to:

The Managing Director, Jaipur Metro Rail Corporation Limited, Jaipur Rajasthan-302020.

### Agenda Item No. 64/3.3: 132/33 KV, 1x31.5 GSS at Rudawal along with associated transmission lines & works in Bharatpur District, Rajasthan

#### Introduction

3.3.1 The Board has received request for sanction of financial assistance for 132/33 KV, 1x31.5 GSS at Rudawal along with associated transmission lines & works in Bharatpur District, Rajasthan. The proposed proposal is about improvement of power supply Bharatpur district with an aggregated estimated cost of **Rs. 2416.32 lakh (with IDC)**. The implementing agency will be RRVPNL. The project has been approved by Government of Rajasthan. Copy of Administrative and Financial approval of Government of Rajasthan is at **Annexure-64/3.3-I**.

#### Project Details

3.3.2 RVPNL has made requirement for creation of new 132 KV GSS at Rudawal (district Bharatpur) in the area for reliable power supply, improve voltage regulation, reduce loading on over loading 33 KV lines and reduce losses on feeders being feeded from 12 KV GSS Bayana & Roopwas new 132 KV GSS at Rudawal.

#### Project Cost & Financing

3.3.3 The total estimated cost of the project amounting to **Rs.24.16 Cr.** (with IDC) is proposed to be met as under:- **(Rs. in Lakh)**

Loan amount from NCRPB	1812.24
RRVPNL	604.08
<b>Total</b>	<b>2416.32</b>

#### Abstract of Cost **(Rs. in Lakh)**

S. No.	Work	Total
(A)	<b>DPR Items</b>	
i	Preliminary expenses for GSS	5.00
ii	Land	50.00
iii	Vehicle	10.00
iv	PLCC & Telephones (for 2 nos. 132 KV Bays)	20.65
v	Social Infrastructure & Community Services	5.00
	<b>Sub-total (A)</b>	<b>90.65</b>
	<b>Sub-station equipments</b>	
(B)	1x31.5 MVA GSS at Rudawal (Dist. Bharatpur)	1694.36
	<b>Associated Transmission Lines</b>	
(c)	LILO of 132 KV S/C Bayana-Roopawal line	468.66
i	<b>Total cost of Scheme (without IDC)</b>	<b>2253.67</b>
	<b>Total cost of Scheme (With IDC)</b>	<b>2416.32</b>



## Drawl Schedule and Sharing Pattern

3.3.4 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in Lakh)

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	1087.34	362.45	10 years	7.50%	02 years	1449.79
2025-26	724.90	241.63	09 years		01 year	966.53
<b>Total</b>	<b>1812.24</b>	<b>604.08</b>				<b>2416.32</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

## General Particulars

1.	Project	132/33 KV, 1x31.5 GSS at Rudawal along with associated transmission lines & works in Bharatpur District, Rajasthan
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

## Financial Particulars

1.	Estimated total cost of project	Rs. 2416.32 lakh
2.	Loan from NCRPB	Rs.1812.24 lakh
3.	RVPNL funds	Rs.604.08 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by RRVPNL in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction letter.

## Benefits to be generated

3.3.5 Under the project, there would be estimated saving in the annual energy loss of about 2.81 Lus per annum after creation of 132 KV GSS at Rudawal in Bharatpur district. The load demand of the area of about 39.45 MVA warrants creation of new 132 KV GSS in the area. The system parameters will further come down to the permissible limits which



are quite evident. The creation of 132 KV GSS at Rudawal in Bharatpur district will enhance the reliability of power supply in the area to HT/ENT consumers and make an improvement in the voltage profile of 33 KV system and reduction in Annual Energy loss. New 33 KV Feeders say – Bad, Sirrond, Tasooma and Mahmadpura are proposed to be feed from 132 KV GSS Rudawal.

### Proposal for consideration of the Group

3.3.6 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVNPL and accord approval for financial assistance to the tune of **Rs. 1812.24 lakh** i.e., upto 75% of the project cost of **Rs. 2416.32 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria: -

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



Chairman & Managing Director,  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd  
Jaipur.

Dr. (Tech) RVPN  
R.R.F. 525  
Date 30/06/23

③

Sub:- Regarding approval for construction of 132/33 kV, 1x31.5 MVA GSS at Rudawal (Distt.-Bharatpur) alongwith associated line as new start schemes during 2023-24 under section 68(1) of the Electricity Act, 2003.

Dir (Tech)

Ref:- Addl. Chief Engineer (PP&D), RVPN letter dated 09-05-23.

27 JUN 2023

Sir,

With reference to the above cited letter dated 09.05.2023, I am directed to convey approval of the State Govt. under section 68(1) of the Electricity Act, 2003 administrative and financial approval for construction 132/33 kV, 1x31.5 MVA GSS at Rudawal (Distt.-Bharatpur) alongwith associated line; at an aggregated estimated cost of **Rs 2416.32 lacs** (including IDC). The brief abstract of the scheme is given hereunder:-

S. No.	Name of Sub-Station / Associated line(s)	Line Length		Estimated Cost (in lacs)	
		km	Ckt. Conf.	(excluding IDC)	(including IDC)
1	132/33 kV, 1x31.5 GSS at Rudawal [Distt.-Bharatpur]	-	-	1785.01	1913.83
	Associated transmission line:				
ii	LILO of already approved 132 kV S/C Bayana-Roopwas line at proposed 132 kV GSS Rudawal	10	kM D/C	468.66	502.48
	Total cost of scheme (Rs. lacs)			2253.67	2416.32

This approval is subject to the condition that all other statutory clearance(s) would be obtained by the executive agency at their own level as per provisions of law for the execution of the scheme.

A-1  
A-57

Chief Engineer (PP&D)  
R.V.P.N.L. JAIPUR  
R.R. No. 825  
DATE 3/7/23

Office of the SE (P&P) RVPN, Jaipur  
R.R. No. 895  
Date 04-07-23  
XEN (P&P)/XEN (P&P)

Yours sincerely,

(Manoj Kumar Mittal)  
Asstt. Secretary, Energy

Copy to the following for information:-

1. The Managing Director, Jaipur DISCOM, Jaipur.
2. The Director (Finance), RVPN, Jaipur.
3. The Chief Controller of Accounts-I/II, RVPN, Jaipur
4. The Secretary (Admn.), RVPN, Jaipur
5. The TA/PA to the CMD, RVPN, Jaipur
6. The Superintending Engineer (QC., Insp. & Montg./ MIS / NPP&RA), RVPN, Jaipur.
7. The Superintending Engineer (Contracts-I/II), RVPN, Jaipur
8. The Land Acquisition Officer, RVPN, Jaipur .
9. The TA to Director (Technical/Operations), RVPN, Jaipur
10. The Executive Engineer-1 & 2 (P&P)/ PTCC, RVPN, Jaipur
11. The Asst. Accounts Officer (Admn.), RVPN, Jaipur.
12. The JEN(P&P), RVPN, Jaipur for creation of WBS element in SAP.

Copy alongwith DPR to the following for information and necessary action :-

1. The Addl. Chief Engineer (Civil), RVPN, Jaipur.
2. The Superintending Engineer (Design/Automation), RVPN, Jaipur
3. The Superintending Engineer (T&C), RVPN, Bharatpur.
4. The Superintending Engineer (Communication), RVPN, Jaipur
5. The Superintending Engineer (Civil), RVPN, Jaipur.
6. The Superintending Engineer (Procurement-I/II), RVPN, Jaipur
7. The Superintending Engineer (Plan&Mont.), Jaipur Discom, Jaipur.
8. The Sr. Accounts officer (B&R/W&M), RVPN, Jaipur
9. The Assistant Engineer-IV(P&P), RVPN, Jaipur

Encl.: As Above.

Superintending Engineer (P&P)

Signature valid

Digitally signed by Vishwas Anil Kale  
Designation: Superintending  
Engineer  
Date: 2023.05.07 20:18:27 IST  
Reason: Approved

RajKaj Ref No. : 3789459

## Agenda Item No. 64/3.4: Construction of 220/132 KV & 132/33 KV GSS at Karoli (Upgradation) associated lines in Alwar District, Rajasthan

### Introduction

- 3.4.1 The Board has received request for sanction of financial assistance for Construction of 220/132 KV & 132/33 KV GSS at Karoli (Upgradation) associated lines in Alwar District, Rajasthan. The proposed proposal is about improvement of power supply in Alwar district with an aggregated estimated cost of **Rs. 6264.01 lakh** (Including IDC) The implementing agency will be RRVPNL. The project has been approved by Whole Time Director of RVPN (copy at **Annexure 64/3.4-I**). **Administrative and Financial approval from Government of Rajasthan is in process.**

### Project Details

- 3.4.2 Presently, PGCIL has constructed 06 Nos of 220 KV Feeder Bays at their 440/220 KV GSS, Neernrana and RVPN has utilized 04 Nos of 220 KV Bays and 02 Nos of 220 KV bays are lying unutilized. Further, the load is continuously increasing in the Khushkhera, Bhiwadi and Karoli region due to development of the industrial area. In view of above, it becomes essential to strengthen the transmission system in the region by creating a new 220 KV GSS at Karoli and providing additional interconnections at PGCIL's 440/220 KV GSS, Neemarana.
- 3.4.3 Due to absence of generation at Dholpur GTPS, the drawl of 220 kV GSS Bharatpur is mainly from Agra through 220 kV S/C line. During the condition of outage of 220 kV SIC Bharatpur-Agra line, low voltage problem is observed in Bharatpur region which can be obviated by providing additional interconnections at 220 kV GSS Bharatpur.
- 3.4.4 Furthermore. due to 2-block supply arrangement to agriculture, load is continuously increasing in the Ramgarh, Govindgarh, Nagar, Kumher, Deeg, Kaman and Pahari region and in this region industrial load is also increasing due to development of the industrial area, but due to overloaded 132 kV S/C lines, additional transformer augmentation and release of new connection to industrial load is not feasible

### Project Cost & Financing

- 3.4.5 The total estimated cost of the project amounting to **Rs. 6264.01 lakh** is proposed to be met as under:-

(Rs. in Lakh)	
Loan amount from NCRPB	4698.00
RRVPNL	1566.01
<b>Total</b>	<b>6264.01</b>



Abstract of Cost		(Rs. in Lakh)
S.No.	Work	Total
(A)	<b>DPR Items</b>	
i	Preliminary expenses	3.50
ii	Land	854.43
iii	Vehicle	20.00
iv	Office Equipment	3.00
v	Workshop & Laboratory Test Equipments	15.00
vi	Social Infrastructure & Community Services	1.00
	<b>Sub-total (DPR Items)</b>	<b>896.93</b>
(B)	220/132 kv, 1x160 MVA and 132/33kv, 1x40/50 MVA GSS at Karoli (Upgradation)	3879.06
	<b>Total of GSS Cost including DPR Items (without IDC)</b>	<b>4775.99</b>
	<b>Total of GSS Cost including DPR Items (with IDC)</b>	<b>5120.81</b>
(c)	<b>Associated Transmission Lines</b>	
i	LILO of 220 KV S/C Bhiwadi (400 KV GSS PGCIL)- Neemrana (220KV GSS RVPN) line at proposed 220 KV GSS Karoli (CLIN/20.16)	432.56
ii	LILO of 220 KV S/C Khushkhera-Alwar line at proposed 220 KV GSS Karoli (CLIN/20.17)	188.82
iii	6 KM LILO of 220 KV S/C Bhiwadi (400 KV GSS PGCIL)- Neemrana (220KV GSS) line at PGCIL's 400kV GSS Neemrana.	444.85
	<b>Total cost of Line (without IDC) [i+ii+iii]</b>	<b>1066.23</b>
	<b>Total cost of Line (with IDC)</b>	<b>1143.20</b>
	<b>Total cost of Scheme (without IDC)</b>	<b>5842.22</b>
	<b>Total cost of Scheme (With IDC)</b>	<b>6264.01</b>

### Drawl Schedule and Sharing Pattern

3.4.6 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule: -

(Rs. in Lakh)						
Year	Loan from NCRPB	Contribution from IA/State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	3288.60	1096.20	10 years	7.50%	02 years	4384.80
2025-26	1409.40	469.81	09 years		01 year	1879.21
<b>Total</b>	<b>4698.00</b>	<b>1566.01</b>				<b>6264.01</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.



### General Particulars

1.	Project	<b>Construction of 220/132 KV &amp; 132/33 KV GSS at Karoli (Upgradation) associated lines in Alwar District, Rajasthan</b>
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

### Financial Particulars

1.	Estimated total cost of project	Rs. 6264.01 lakh
2.	Loan from NCRPB	Rs.4698.00 lakh
3.	RVPNL funds	Rs.1566.01 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by RRVPNL in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government / IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction order.

### Benefits to be generated

- 3.4.7 The scheme of 220 kV GSS Sikri (Upg.) (Distt.-Bharatpur) are giving positive return and there will be total annual energy saving of 366.70 LUs per annum after construction of this substation. On creation of 220 kV GSS Sikri, the system of Alwar & Bharatpur comes in ring which strengthen the system in cast: of outage.

### Proposal for consideration of the Group

- 3.4.8 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVPNL and accord approval for financial assistance to the tune of **Rs.4698.00 lakh** i.e., upto 75% of the project cost of **Rs. 6264.01 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.



- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED.**

[Corporate Identity Number (CIN):U40109RJ2000SGC016485]

(Regd. Office: Vidyut Bhawan, Jan Path, Jyoti Nagar, Jaipur - 302 005)

**OFFICE OF THE SUPERINTENDING ENGINEER (P&P)**

Room No. 336, Vidyut Bhawan, Jyoti Nagar, Jaipur Tel. No 0141-2740623

e-mail: [se.pp@rvpn.co.in](mailto:se.pp@rvpn.co.in) WEBSITE: <https://energy.rajasthan.gov.in/rvpnl>

The Chief Engineer (T&C/Civil/Procurement/Contracts/I.D/Communication/IT),  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd.,  
Jaipur.

**Sub: Revised Administrative & Financial Sanction (A&FS) for the construction of  
220/132kV, 1x160 MVA substation at Karoli (Distt.-Alwar) [Upg.] with additional 132/33kV,  
40/50 MVA transformer capacity & associated transmission lines**

Ref: (i) This office letter nos. 665 dated 9.9.2020 & 775 dated 6.7.2022  
(ii) Your e-file no. AEN/T&C/BWD/P-60 220KV GSS Karoli-00049 dated  
2.7.2023

The Committee of the Whole Time Directors (WTDs) of RVPN on dated 7.8.2023 has accorded its revised administrative and financial sanction for construction of 220/132kV, 1x160 MVA substation at Karoli (Distt.-Alwar) [Upg.] with additional 132/33kV, 40/50 MVA transformer capacity alongwith associated transmission lines due to increase in the cost of various projects in the scheme; at total estimated cost of **Rs. 5787.058 Lacs (including IDC)** in place of already approved cost of **Rs. 4084.86 lacs (including IDC)** as per the cost estimates sent with your e-file dated 2.7.2023 under reference and details of the scheme with cost estimates given hereunder:-

S. No.	Name of Sub-Station/ Associated line(s)	Line Length		Revised Estimated cost (in lacs)	
		km	Conf.	excluding IDC )	including IDC
i	220/132 kV, 1X160 MVA and 132/33kV, 1X40/50 MVA GSS at Karoli (Upgradation) [Distt.- Alwar] (CGSS/20.03)	-	-	4775.99	5120.81
	Associated transmission lines:				
ii	L.I.O of 220kV S/C Bhiwadi (400kV GSS PGCIL)- Neemrana (220kV GSS) line at proposed 220kV GSS Karoli (CLIN/20.16)	6	kM D/C	432.56	463.79
iii	L.I.O of 220kV S/C Khushkhhera- Alwar line at proposed 220kV GSS Karoli (CLIN/20.17)	1	kM D/C	188.82	202.45
	Total cost of scheme (Rs. lacs)			5397.36	5787.058

The revised abstract cost estimate for the above scheme is enclosed herewith for reference and needful.

The revised technical sanction of the works involved in above schemes may be accorded by Chief Engineer(T&C), RVPN, Jaipur

In view of the above, the execution of the aforesaid scheme may kindly be taken up accordingly. All other technical and financial details of the scheme(s) referred in the above referred letter no. 665 dated 9.9.2020 shall remain unchanged. The revised budget provisions shall be made in the SAP module as per the revised estimated costs of the works.

Encl.: As Above.

(V.A. Kale)  
Superintending Engineer (P&P)

**Signature valid**

Digitally signed by Vishwas Anil Kale  
Designation: Superintending  
Engineer  
Date: 2023.08.09 09:46:04 IST  
Reason: Approved

RajKaj Ref No. : 4484836



Copy to the following for information & necessary action:-

1. The Chief Controller of Accounts I & II, RVPN, Jaipur.
2. The Superintending Engineer (Design), RVPN, Jaipur
3. The Superintending Engineer (T&C), RVPN, Alwar.
4. The Superintending Engineer (Communication), Jaipur.
5. The Superintending Engineer (QC., Insp. & Montg.), RVPN, Jaipur.
6. The Superintending Engineer (Contract-I/ Contract-II), RVPN, Jaipur
7. The Land Acquisition Officer, RVPN, Jaipur.
8. The TA to Director (Technical/Operation), RVPN, Jaipur.
9. The Executive Engineer-1 & 2 (P&P)/ PTCC, RVPN, Jaipur .
10. The Asst. Accounts Officer (Admn.), RVPN, Jaipur.
11. The Assistant Engineer-IV(P&P), RVPN, Jaipur .
12. The JEN(P&P), RVPN, Jaipur for updation in WBS element in SAP.

Encl: As above

Superintending Engineer (P&P)

Signature valid

Digitally signed by Vishwas Anil Kale  
Designation: Superintending  
Engineer  
Date: 2023.08.09 09:46:04 IST  
Reason: Approved

RajKaj Ref No. : 4484836



## Agenda Item No. 64/3.5: Construction of 132/33 kV, 1x31.5 MVA GSS at Barkheda alongwith associated transmission line in Bharatpur District, Rajasthan

### Introduction

3.5.1 The Board has received request for sanction of financial assistance for Construction of 132/33 kV, 1x31.5 MVA GSS at Barkheda alongwith associated transmission line in Bharatpur District, Rajasthan. The proposed proposal is about improvement of power supply in Bharatpur district with an aggregated estimated cost of **Rs.2366.07 lakh** (including IDC) The implementing agency will be RRVPNL. The project has been approved by Government of Rajasthan. Copy of Administrative and Financial approval of Government of Rajasthan is at **Annexure-64/3.5-I**.

### Project Details

3.5.2 RRVPNL has made requirement for creation of new 132 kV GSS at Barkheda (Distt. Bharatpur) in the area for the reliable power supply in the area to improve voltage regulation, reduce loading on over loaded 33 kV lines and reduce losses on feeders being feeded from 132 kV GSS Bayana, Weir & Khatoti, new 132kV GSS at Berkheda.

### Project Cost & Financing

3.5.3 The total estimated cost of the project amounting to **Rs.2366.07 lakh** is proposed to be met as under:-

		(Rs. in Lakh)
Loan amount from NCRPB		1774.55
RRVPNL		591.52
<b>Total</b>		<b>2366.07</b>

### Abstract of Cost

		(Rs. in Lakh)
S.No.	Work	Total
(A)	<b>DPR Items</b>	
i	Preliminary expenses for GSS	5.00
ii	Land	50.00
iii	Vehicle	10.00
iv	PLCC & Telephones (for 2 nos. 132 KV Bays)	20.65
v	Social Infrastructure & Community Services	5.00
	<b>Sub-total (A)</b>	<b>90.65</b>
(B)	<b>Sub-station equipments</b>	
	1x31.5 MVA, 132/33 kV GSS at Barkheda (Dist. Bharatpur)	1694.36
(c)	<b>Associated Transmission Lines</b>	



S.No.	Work	Total
i	LILo of 132 KV S/C Weir-Khatoli line	421.79
	<b>Total cost of Scheme (without IDC)</b>	<b>2206.80</b>
	<b>Total cost of Scheme (With IDC)</b>	<b>2366.07</b>

### Drawl Schedule and Sharing Pattern

3.5.4 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in Lakh)

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	1064.73	354.91	10 years	7.50%	02 years	1419.64
2025-26	709.82	236.61	09 years		01 year	946.43
<b>Total</b>	<b>1774.55</b>	<b>591.52</b>				<b>2366.07</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

### General Particulars

1.	Project	<b>Construction of 132/33 GSS at Barkheda alongwith associated transmission line in Bharatpur District, Rajasthan</b>
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

### Financial Particulars

1.	Estimated total cost of project	Rs.2366.07 lakh
2.	Loan from NCRPB	Rs.1774.55 lakh
3.	RVPNL funds	Rs.591.52 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by RRVPNL in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction letter.



### Benefits to be generated

- 3.5.5 There would be estimated saving in the annual energy loss of about 12.55 LUs per annum after creation of 132 kV GSS at Barkheda in Bharatpur district. The load demand of the area of about 45.75 MVA warrants creation of new 132 kV GSS in the area. The creation of 132 kV GSS at Barkheda in Bharatpur District will enhance the reliability of power supply in the area to HT/EHT consumers and make an improvement in the voltaze profile of 33 kV system and reduction in Annual Energy loss. New 33 kV Feeders say- Veerarnpura, Kherli Gadasiya, Dharsoni & Dehra are proposed to be feed from 132 kV GSS Bharkheda

### Proposal for consideration of the Group

- 3.5.6 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVPNL and accord approval for financial assistance to the tune of **Rs. 1774.55 lakh** i.e., upto 75% of the project cost of **Rs2366.07 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-
- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
  - ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
  - iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
  - iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
  - v) Any other compliance as required by NCRPB during the course of the project implementation.
  - vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
  - vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
  - viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



RajKaj-1613637

PS/CMD/ITR.No. 1928

Dated 24/08/2023

GOVERNMENT OF RAJASTHAN  
(ENERGY DEPARTMENT)

No. F.15(24)Energy/2023/Barkheda

Chairman & Managing Director,  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd  
Jaipur.

Dir (Tech) RVPN

R.R/F. 1074

Date 25-08-23

Sub:- Regarding approval for construction of 132/33 kV, 1x31.5 MVA GSS at Barkheda (Distt.-Bharatpur) alongwith associated line as new start scheme during 2023-24 under section 68(1) of the Electricity Act, 2003.

~~Dir (Tech)~~  
24 AUG 2023

Ref:- Addl. Chief Engineer (PP&amp;D), RVPN letter dated 24-06-23.

Sir,

With reference to the above cited letter dated 24.06.2023, I am directed to convey approval of the State Govt. under section 68(1) of the Electricity Act, 2003 administrative and financial approval of construction of 132/33 kV, 1x31.5 MVA GSS at Barkheda (Distt.-Bharatpur) alongwith associated line; at an aggregated estimated cost of **Rs 2366.07 lacs** (including IDC). The brief abstract of the scheme is given hereunder:-

S. No	Name of Sub-Station / Associated line(s)	Line Length		Estimated Cost (in lacs)	
		km	Ckt. Conf.	(excluding IDC)	(including IDC)
1	132/33 kV, 1x31.5 GSS at Barkheda [Distt.-Bharatpur]	-	-	1785.01	1913.83
	Associated transmission line:				
ii	LILO of 132 kV S/C Weir-Khatoti line at proposed 132 kV GSS Barkheda	9	kM D/C	421.79	452.24
	Total cost of scheme (Rs. lacs)			2206.80	2366.07
	Total cost of scheme (Rs. Cr.)			22.0680	23.6607

This approval is subject to the condition that all other statutory clearance(s) would be obtained by the executive agency at their own level as per provisions of law for the execution of the scheme.

Yours sincerely,

(R.K. Sharma)  
Signature valid

Digitally signed by Rajendra Kumar Sharma  
Designation : Deputy Secretary  
Date: 2023.08.23 16:11:19 IST  
Reason: Approved

RajKaj Ref No. : 4566958

Chief Engineer (PP&D)  
R.V.P.N.L. JAIPUR  
R.R. No. M18  
DATE 25/8/23



## Agenda Item No. 64/3.6: Construction of 220/132 KV GSS at Sikri alongwith associated transmission lines & works in Bharatpur District, Rajasthan

### Introduction

- 3.6.1 The Board has received request for sanction of financial assistance for Construction of 220/132 KV GSS at Sikri alongwith associated transmission lines & works in Bharatpur District, Rajasthan. The proposed proposal is about improvement of power supply in Bharatpur district with an aggregated estimated cost of **Rs. 11692.20 lakh (with IDC)**. The implementing agency will be RRVPNL. The project has been approved by Government of Rajasthan. Copy of Administrative and Financial approval of Government of Rajasthan is at **Annexure-64/3.6-I**.

### Project Details

- 3.6.2 Presently 132kV GSS Ramgarh, 132 kV GSS Govindgarh, 132 kV GSS Nagar and 132 kV GSS Kumher are connected through a 132 kV SIC line. 132 kV GSS Ramgarh is connected to 220 kV GSS Alwar and 132 kV GSS Kumher is connected to 220 kV GSS Bharatpur using 132 kV SIC lines. Further, 132 kV S/C Bharatpur (220 kV GSS)-Kumher line is also T-off at 132 kV GSS Bharatpur. This 132 kV S/C Bharatpur-Kumher-Nagar-Govindgarh-Ramgarh, Alwar Line is overloaded. Also a newly sanctioned 132 kV GSS Sikri will be connected to 132 kV GSS Nagar using 132 kV S/C line in radial mode. There is another 132 kV S/C line in radial mode which connects 220 kV GSS Bharatpur to 132 kV GSS Deeg, 132 kV GSS Kaman and 132 kV Pahari, Alternate supply source is also not available to these GSS to meet the load demand during the contingency condition. Bharatpur-Deeg section of this line is also overloaded.
- 3.6.3 Due to absence of generation at Dholpur GTPS, the drawl of 220 kV GSS Bharatpur is mainly from Agra through 220 kV S/C line. During the condition of outage of 220 kV SIC Bharatpur-Agra line, low voltage problem is observed in Bharatpur region which can be obviated by providing additional interconnections at 220 kV GSS Bharatpur. Furthermore, due to 2-block supply arrangement to agriculture, load is continuously increasing in the Ramgarh, Govindgarh, Nagar, Kumher, Deeg, Kaman and Pahari region and in this region industrial load is also increasing due to development or the industrial area, but due to overloaded 132 kV S/C lines additional transformer augmentation and release of new connection to industrial load is not feasible.

### Project Cost & Financing

- 3.6.4 The total estimated cost of the project amounting to **Rs. 11692.20 lakh** is proposed to be met as under:-

(Rs. in Lakh)	
Loan amount from NCRPB	8769.15
RRVPNL	2923.05
<b>Total</b>	<b>11692.20</b>



**Abstract of Cost****(Rs. in Lakhs)**

S.No.	Work	Total Cost (Without IDC)	Total Cost (With IDC)
<b>1</b>	<b>Sub-Station</b>		
i	220/132 KV, IX160 MVA GSS at Sikri (Upg.) Distt. Bharatpur	2733.68	2930.98
<b>2.</b>	<b>Associated transmission lines:</b>		
i	220 KV D/C Alwar (400 KV) Sikri Line	3843.57	4120.97
ii	220 KV S/C Sikri-Bharatpur line	2347.34	2516.75
iii	132 KV S/C Sikri -Pahari Line	611.12	655.22
iv	132 KV S/C Sikri-Govindgarh (Alwar) line	547.31	586.81
<b>3.</b>	<b>Associated Bays:</b>		
i	2X220 KV feeder bays at 400 KV GSS Alwar	502.07	538.30
ii	1X220 KV feeder bay at 220KV GSS Bharatpur	142.95	153.27
iii	1X132 KV feeder bay at 132 KV GSS Pahari	75.12	80.55
iv	1X132 KV feeder bay at 132 KV GSS Govindgarh	102.00	109.35
	<b>Total</b>	<b>10905.16</b>	<b>11692.20</b>

**Drawl Schedule and Sharing Pattern**

3.6.5 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

**(Rs. in Lakh)**

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	6138.41	2046.14	10 years	7.50%	02 years	8184.55
2025-26	2630.74	876.91	09 years		01 year	3507.65
<b>Total</b>	<b>8769.15</b>	<b>2923.05</b>				<b>11692.20</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.



**General Particulars**

1.	Project	<b>Construction of 220/132 KV GSS at Sikri alongwith associated transmission lines &amp; works in Bharatpur District, Rajasthan</b>
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

**Financial Particulars**

1.	Estimated total cost of project	Rs. 11692.20 lakh
2.	Loan from NCRPB	Rs.8769.15 lakh
3.	State Govt. of Rajasthan/IA funds	Rs.2923.05 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by RRVPNL in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction order.

**Benefits to be generated**

- 3.6.6 The scheme of 220 kV GSS Sikri (Upg.) (Distt-Bharatpur) are giving positive return and there will be total annual energy saving of 366.70 LUs per annum after construction of this substation. On creation of 220 kV GSS Sikri, the system of Alwar & Bharatpur comes in ring which strengthen the system in case of outage.

**Proposal for consideration of the Group**

- 3.6.7 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVPNL and accord approval for financial assistance to the tune of **Rs.8769.15 lakh** i.e., upto 75% of the project cost of **Rs. 11692.20 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.



- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



PS/CMD/ITR No. 1595

Date 25/07/2022

GOVERNMENT OF RAJASTHAN  
(ENERGY DEPARTMENT)

ACE (PPD)

25 JUL 2022

No.F.15(20)Energy/2016/Part-e

Jaipur, Dated: 22

Chairman & Managing Director,  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd.  
Jaipur.

Chief Engineer (PP&amp;P)

RVPNL Jaipur

1521

26/7/22

Sub.- Approval for construction of the scheme of 220/132kV, 1X160MVA GSS at Sikri (Upgradation) [Distt.-Bharatpur] alongwith associated transmission lines as new start schemes during 2022-23 under section 68(1) of the Electricity Act, 2003.

Ref.- Your letter No. RVPN /SE (P&P)/XEN-I (P&P) /AE-I/F /D 643 dated 17-06-2022.

Sir,

With reference to the above cited letter dated 17.06.2022, I am directed to convey approval of the letter the committee of the Whole Time Directors (WTDs) of RVPN on dated 17.06.2022 has accorded its Administrative and Financial Sanction for construction of scheme of 220/132kV, 1X160MVA GSS at Sikri (Upgradation) [Distt.-Bharatpur] alongwith associated transmission lines as new start scheme during 2022-23 at an aggregated estimated cost of Rs. 11692.20 Lacs (including IDC) as per Detailed Project Report (DPR) enclosed herewith. The brief abstract of the scheme is given hereunder:-

S. No	Name of Sub-Station/ Associated line(s)	Line Length		Estimated Cost (in lacs)	
		km	Conf.	(without IDC)	(With IDC)
1	220/132 kV, 1X160 MVA GSS at Sikri (Upg.) [Distt.- Bharatpur]	-	-	2733.68	2930.98
	<b>Associated transmission lines:</b>				
i	220kV D/C Alwar (400kV)- Sikri line	53	D/C	3843.57	4120.97
ii	220kV S/C Sikri- Bharatpur line	58	S/C	2347.34	2516.75
iii	132kV S/C Sikri- Pahari line	19.5	S/C	611.12	655.22
iv	132kV S/C Sikri- Govindgarh (Alwar) line	22	S/C	547.31	586.81
	<b>Associated Bays:</b>				
i	2X220kV feeder bays at 400kV GSS Alwar	-	-	502.07	538.30
ii	1X220kV feeder bay at 220kV GSS Bharatpur	-	-	142.95	153.27
iii	1X132kV feeder bay at 132kV GSS Pahari	-	-	75.13	80.55
iv	1X132kV feeder bay at 132kV GSS Govindgarh	-	-	102.00	109.36
	<b>Total cost of scheme (Rs. lacs)</b>			10905.16	11692.20
	<b>Total cost of scheme (Rs. crore)</b>			109.05	116.92

Office of the SE (P&P) RVPNL Jaipur  
R. R. No. 840.4 Date 27.7.22  
XEN-I (P&P)/XEN-IKP&P)

SE (P&amp;P)

SE (P&amp;P)

This approval is subject to the condition that all other statutory clearance(s) would be obtained by the executive agency at their own level as per provisions of law for the execution of the scheme.

Yours sincerely,

  
(Atul Prakash)  
Joint Secretary, Energy

## Agenda Item No. 64/3.7: Construction of 132/33 KV, 1x31.5 MVA GSS at Phulwara alongwith associated transmission lines in Bharatpur District, Rajasthan

### Introduction

3.7.1 The Board has received request for sanction of financial assistance for Construction of 132/33 KV, 1x31.5 MVA GSS at Phulwara alongwith associated transmission lines in Bharatpur District, Rajasthan. The proposed proposal is about improvement of power supply in Bharatpur district with an aggregated estimated cost of **Rs. 2213.32 lakh (with IDC)**. The implementing agency will be RRVPNL. The project has been approved by Government of Rajasthan. Copy of Administrative and Financial approval of Government of Rajasthan is at **Annexure-64/3.7-I**.

### Project Details

3.7.2 RRVPNL has intimated that to meet the growing demand on long length of 33kV feeders being fedded from 220 kV GSS Bharatpur & improve voltage regulation, reduce loading on over loaded 33 kV lines and reduce losses on feeders, new 132kV GSS at Phulwara is required.

### Project Cost & Financing

3.7.3 The total estimated cost of the project amounting to **Rs. 2213.32 lakh** is proposed to be met as under:-

(Rs. in Lakh)	
Loan amount from NCRPB	1659.99
RRVPNL	553.33
<b>Total</b>	<b>2213.32</b>

### Abstract of Cost

(Rs. in Lakh)			
S. No.	Work	Total Cost (without IDC)	Total Cost (with IDC)
1	1x31.5 MVA, 132/33 KV GSS at Phulwara (Dist. Bharatpur)	1669.84	1790.41
	<b>Associated Transmission Lines</b>		
2	132 kV S/C Bharatpur (220 kv GSS)-Phulwara lines (9 Kms.)	314.13	336.81
	<b>Associated Bays:</b>		
3	1x132 KV feeder bay at 220 KV GSS Bharatpur	<b>80.30</b>	<b>86.10</b>
	<b>Total cost of Scheme</b>	<b>2064.27</b>	<b>2213.32</b>



## Drawl Schedule and Sharing Pattern

3.7.4 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in Lakhs)

Year	Loan from NCRPB	Contribution from IA/State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	1161.99	387.33	10 years	7.50%	02 years	1549.32
2025-26	498.00	166.00	09 years		01 year	664.00
<b>Total</b>	<b>1659.99</b>	<b>553.33</b>				<b>2213.32</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

## General Particulars

1.	Project	<b>Construction of 132/33 KV GSS at Phulwara alongwith associated transmission lines in Bharatpur District, Rajasthan</b>
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

## Financial Particulars

1.	Estimated total cost of project	Rs.2213.32 lakh
2.	Loan from NCRPB	Rs.1659.99 lakh
3.	RVPNL funds	Rs. 553.33 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by Govt. of Rajasthan in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction order.



**Benefits to be generated**

3.7.5 There would be estimated saving in the annual energy loss of about 20.70 LUs per annum after creation of 132 kV GSS at Phulwara in Bharatpur district. The load demand of the area of about 29.45 VA warrants creation of new 132 kV GSS in the area. The 33 kV Feeders Undra, Uncha Nagla, Ikran & Peepla are proposed to be feed from 132 kV GSS Phulwara & The creation of 132 kV GSS at Phulwara in Bharatpur district will enhance the reliability of power supply in the area and energy losses in 33 kV system would be reduced.

**Proposal for consideration of the Group**

3.7.6 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVPNL and accord approval for financial assistance to the tune of **Rs.1659.99 lakh** i.e., upto 75% of the project cost of **Rs. 2213.32 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



**GOVERNMENT OF RAJASTHAN  
(ENERGY DEPARTMENT)**

No.F.15(20)Energy/2016/Part-v

Jaipur, Dated:

29 JUN 2022

**Chairman & Managing Director,**  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd.  
Jaipur.

Sub.: Approval for construction of a 132/33 kV, 1x31.5 MVA Substation at Phulwara (Distt.-Bharatpur) by laying 9.0 kMs 132 kV S/C Bharatpur(220 kV GSS)-Phulwara line as new start scheme during 2022-23 under section 68(1) of the Electricity Act, 2003.

Ref.: Your letter No. RVPN/SE(P&P)/XEN-I(P&P)/AE-I/F/D 545 Dated 09-06-2022.

Sir,

With reference to the above cited letter dated 09.06.2022, I am directed to convey approval of the letter the committee of the Whole Time Directors (WTDs) of RVPN on dated 06.06.2022 has accorded its administrative and financial sanction for construction of a 132/33 kV, 1x31.5 MVA Substation at Phulwara (Distt.-Bharatpur) by laying 9.0 kMs 132 kV S/C Bharatpur(220 kV GSS)-Phulwara line as new start scheme during 2022-23 at an aggregated estimated cost of **Rs. 2213.32 Lacs** (including IDC) as per DPR enclosed herewith. The brief abstract of the scheme is given hereunder:

S. No.	Name of Sub-Station / Associated line(s)	Line Length (in kM)	Estimated Cost (without IDC) (in lacs)	Estimated Cost (with IDC) (in lacs)
i	1x31.5 MVA, 132/33 kV GSS at Phulwara (Distt.-Bharatpur) Associated transmission line:		1669.84	1790.41
i	132 kV S/C Bharatpur(220 kV GSS)-Phulwara line	9 kM S/C	314.13	336.81
	Associated Bays:		80.30	86.09
ii	1x132 kV feeder bay at 220 kV GSS Bharatpur			
	<b>Total</b>		<b>2064.27</b>	<b>2213.32</b>

This approval is subject to the condition that all other statutory clearance(s) would be obtained by the executive agency at their own level as per provisions of law for the execution of the scheme.

Yours sincerely,

(Atul Prakash)  
Joint Secretary, Energy

## Agenda Item No. 64/3.8: Construction of 132/33 GSS at Cheekhru-Bayana alongwith associated lines in Bharatpur District, Rajasthan

### Introduction

3.8.1 The Board has received request for sanction of financial assistance for Construction of 132/33 GSS at Cheekhru-Bayana alongwith associated lines in Bharatpur District, Rajasthan. The proposed proposal is about improvement of power supply in Bharatpur district with an aggregated estimated cost of **Rs. 2142.52 lakh (with IDC)**. The implementing agency will be RRVPNL. The project has been approved by Government of Rajasthan. Copy of Administrative and Financial approval of Government of Rajasthan is at **Annexure-64/3.8-I**.

### Project Details

3.8.2 RRVPNL has intimated that to meet the growing demand on long length of 33kV feeders being feeded from I 32kV GSS Bayana & improve voltage regulation, reduce loading on over loaded 33 kV lines and reduce losses on feeders, new I 32kV GSS at Cheekhru is required.

### Project Cost & Financing

3.8.3 The total estimated cost of the project amounting to **Rs. 2142.52 lakh** is proposed to be met as under:-

(Rs. in lakhs)	
Loan amount from NCRPB	1606.89
RRVPNL	535.63
<b>Total</b>	<b>2142.52</b>

### Abstract of Cost

(Rs. in lakhs)		
S. No.	Work	Total
(A)	<b>DPR Items</b>	
i	Preliminary expenses	5.00
ii	Land	50.00
iii	Vehicle	10.00
iv	Office Equipments	2.00
v	Workshop & Laboratory Test Equipments	8.00
vi	Social Infrastructure & Community Services	5.00
	<b>Sub-total (A)</b>	<b>80.00</b>
(B)	<b>Sub-station equipments</b>	
	Cost of 132/33kV, 1x31.5 MVA GSS at Cheekru (without IDC)	1644.86
(c)	<b>Associated Transmission Lines</b>	



S. No.	Work	Total
	LILO of 132 KV S/C Hindaun-Weir Line	273.38
	<b>Total cost of Scheme (without IDC)</b>	<b>1998.24</b>
	<b>Total cost of Scheme (With IDC)</b>	<b>2142.52</b>

### Drawl Schedule and Sharing Pattern

3.8.4 RRVPNL will implement the project through financial assistance from NCRPB as per the following phasing and schedule:-

(Rs. in lakhs)

Year	Loan from NCRPB	Contribution from State Govt.	Tenure of Loan	ROI *	Moratorium period	Phasing of expenditure
2024-25	1124.82	374.94	10 years	7.50%	02 years	1499.76
2025-26	482.07	160.69	09 years		01 year	642.76
<b>Total</b>	<b>1606.89</b>	<b>535.63</b>				<b>2142.52</b>

\* A revision in interest rates on loan sanctions are under consideration with NCR Planning Board. The same will be applicable accordingly.

### General Particulars

1.	Project	<b>Construction of 132/33 GSS at Cheekhru-Bayana alongwith associated lines in Bharatpur District, Rajasthan</b>
2.	Type of Project	Power
3.	Borrowing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.
4.	Implementing agency	Rajasthan Rajya Vidyut Prasaran Nigam Ltd. (RVPNL) Rajasthan.

### Financial Particulars

1.	Estimated total cost of project	Rs. 2142.52 lakh
2.	Loan from NCRPB	Rs.1606.89 lakh
3.	State Govt. of Rajasthan/IA funds	Rs.535.63 lakh
4.	Provision in Budget for repayment of Principal & interest	To be provided by RRVPNL in the budget of corresponding financial year.
5.	Tenure of loan	10 years including 2 year Moratorium period for payment of principal
6.	Security for loan	State Guarantee (not less than 100%)/ Bank Guarantee (not less than 133.33%) of the loan will be provided by State Government/ IA.
7.	Stipulated date of completion	24 months from the issue of NCRPB administrative sanction letter.



**Benefits to be generated**

- 3.8.5 There would be estimated saving in the annual energy loss of about 30.26 LUs per annum after creation of 132 kV GSS at Cheekhru-Bayana in Bharatpur district. The load demand of the area of about 30.75 MVA warrants creation of new 132 kV GSS in the area. The 33 kV Feeders Mahrawar, Kalsada & Bagrain are proposed to be feed from 132 kV GSS Cheekhru and the creation of 132 kV GSS at Cheekhru in Bayana region will enhance the reliability of power supply in the area and energy losses in 33 kV system would be reduced.

**Proposal for consideration of the Group**

- 3.8.6 The project has been appraised in NCRPB from planning, financial, environmental & social point of view. It is proposed that PSMG-I may take a view on the submitted project proposal received from RRVPNL and accord approval for financial assistance to the tune of **Rs. 1606.89 lakh** i.e., upto 75% of the project cost of **Rs. 2142.52 lakh** by NCRPB on the aforementioned project subject to the fulfilment of the following criteria:-

- i) Member Secretary, NCRPB may be authorized to take a decision in case of any issue which may arise in terms of technical feasibility, compliance of Statutory and Environment & Social safeguard requirements for the aforementioned project.
- ii) Necessary required clearances/ NOCs, if any, should be arranged by IA in a timely manner and IA should ensure that the project should be implemented as per the schedule.
- iii) Requisite necessary statutory clearances/ NOCs, if any, from all Departments which are involved in the project implementation should be taken by the IA in a timely manner so that the project implementation should not face any hurdle during implementation.
- iv) IA shall ensure compliance with the requisite Social & Environmental Guidelines of NCRPB, as applicable.
- v) Any other compliance as required by NCRPB during the course of the project implementation.
- vi) Any cost increase over and above the current estimates shall be borne by the agency and all efforts to complete the projects be ensured accordingly and requisite administrative & financial approvals for the revised estimates (if any) to be provided by IA.
- vii) Security proposed to be offered State Guarantee (not less than 100%) / Bank Guarantee (not less than 133.33%) of the loan against the loan drawal from NCRPB.
- viii) Certificates submitted by IA which does not carry the signature, name and seal of the official of IA may resubmit it, if applicable.



**GOVERNMENT OF RAJASTHAN  
(ENERGY DEPARTMENT)**

No.F.15(20)Energy/2016/Part-i

Jaipur, Dated:

129 JUN 2022

**Chairman & Managing Director,**  
Rajasthan Rajya Vidyut Prasaran Nigam Ltd.  
Jaipur.

Sub.- Approval for construction of a 132/33 kV, 1x31.5 MVA Substation at Cheekhru-Bayana [Distt.-Bharatpur] by laying 4.0 kMs LILO of 132kV S/C Hindaun-Weir line at 132kV GSS Cheekhru-Bayana as new start scheme during 2022-23 under section 68(1) of the Electricity Act, 2003.

Ref.- Your letter No. RVPN/SE(P&P)/XEN-I(P&P)/AE-I/F/D 541 Dated 09-06-2022.

Sir,

With reference to the above cited letter dated 09.06.2022, I am directed to convey approval of the letter the committee of the Whole Time Directors (WTDs) of RVPN on dated 06.06.2022 has accorded its administrative and financial sanction for construction of a 132/33 kV, 1x31.5 MVA Substation at Cheekhru-Bayana [Distt.-Bharatpur] by laying 4.0 kMs LILO of 132 kV S/C Hindaun-Weir line at 132kV GSS Cheekhru-Bayana as new start scheme during 2022-23 at an aggregated estimated cost of **Rs. 2142.52 Lacs** (including IDC) as per Detailed Project Report (DPR) enclosed herewith. The brief abstract of the scheme are given hereunder:-

S. No.	Name of Sub-Station / Associated line(s)	Line Length (in km)	Estimated Cost (without IDC) (in lacs)	Estimated Cost (with IDC) (in lacs)
1	132/33 kV, 1x31.5 MVA GSS at Cheekhru-Bayana [Distt.-Bharatpur]	-	1724.86	1849.40
	Associated transmission line			
i	LILO of 132 kV S/C kV Hindaun-Weir Line	4 km D/C	273.38	293.12
	<b>Total</b>		<b>1998.24</b>	<b>2142.52</b>

This approval is subject to the condition that all other statutory clearance(s) would be obtained by the executive agency at their own level as per provisions of law for the execution of the scheme.

Yours sincerely,

(Atul Prakash)

Joint Secretary, Energy

**Agenda Item No. 64/4: Status of Projects financed by the NCR Planning Board**

4.1 The Board has provided financial assistance to 376 infrastructure development projects with an estimated cost of Rs. **32736.09** Crore, out of which an amount of Rs. **16038.43** Crore has been sanctioned as loan and released a loan amount of about Rs. **13537.06** Crore as on 16.02.2024.

4.2 Among the 376 projects financed by the Board, 326 projects have been completed and 50 projects are at various stages of implementation

4.3 The sub-region wise break up for ongoing and completed projects is as below:-

(Rs. in Cr.)

S. No.	Subregion/ CMA	Status	No. of projects	Estimated/ Final cost	Loan sanctioned	Loan released by NCRPB
1	Rajasthan	Ongoing	14	518.12	388.56	312.69
		Completed	60	1298.93	870.27	809.53
	<b>Sub Total</b>		<b>74</b>	<b>1817.05</b>	<b>1258.83</b>	<b>1122.22</b>
2	Uttar Pradesh	Ongoing	0	0.00	0.00	0.00
		Completed	55	8683.19	3405.23	2956.45
	<b>Sub Total</b>		<b>55</b>	<b>8683.19</b>	<b>3405.23</b>	<b>2956.45</b>
3	Haryana	Ongoing	29	1673.30	1206.13	1026.01
		Completed	190	10413.74	6318.56	5462.85
	<b>Sub Total</b>		<b>219</b>	<b>12087.04</b>	<b>7524.69</b>	<b>6488.86</b>
4	NCT-Delhi	Ongoing	1	101.65	76.24	20.00
		Completed	2	520.56	310.00	310.00
	<b>Sub Total</b>		<b>3</b>	<b>622.21</b>	<b>386.24</b>	<b>330.00</b>
5	CMA –Patiala in Punjab	Ongoing	1	208.33	152.52	81.25
		Completed	2	78.71	45.95	45.95
	<b>Sub Total</b>		<b>3</b>	<b>287.04</b>	<b>198.47</b>	<b>127.20</b>
6	CMA –Gwalior in M P	Ongoing	0	0.00	0.00	0.00
		Completed	5	209.72	143.29	132.78
	<b>Sub Total</b>		<b>5</b>	<b>209.72</b>	<b>143.29</b>	<b>132.78</b>
7	CMA - Bareilly in UP	Ongoing	0	0.00	0.00	0.00
		Completed	2	438.68	57.00	57.00
	<b>Sub Total</b>		<b>2</b>	<b>438.68</b>	<b>57.00</b>	<b>57.00</b>
8	CMA - Jaipur in Rajasthan	Ongoing	4	1862.09	1266.22	1260.96
		Completed	4	371.00	258.17	258.17
	<b>Sub Total</b>		<b>8</b>	<b>2233.09</b>	<b>1524.39</b>	<b>1519.13</b>
9	CMA - Kota in Rajasthan	Ongoing	0	0.00	0.00	0.00
		Completed	3	1097.48	298.33	270.45
	<b>Sub Total</b>		<b>3</b>	<b>1097.48</b>	<b>298.33</b>	<b>270.45</b>



S. No.	Subregion/ CMA	Status	No. of projects	Estimated/ Final cost	Loan sanctioned	Loan released by NCRPB
10	CMA - Hisar in Haryana	Ongoing	1	946.00	700.00	0.00
		Completed	3	4314.59	541.96	532.97
	<b>Sub Total</b>		<b>4</b>	<b>5260.59</b>	<b>1241.96</b>	<b>532.97</b>
	<b>Total</b>	Ongoing	<b>50</b>	<b>5309.49</b>	<b>3789.67</b>	<b>2700.91</b>
		Completed	<b>326</b>	<b>27426.60</b>	<b>12248.76</b>	<b>10836.15</b>
	<b>Grand Total</b>		<b>376</b>	<b>32736.09</b>	<b>16038.43</b>	<b>13537.06</b>

4.4 63<sup>rd</sup> PSMG-I had authorized Member Secretary, NCRPB for granting extensions in time and for declaring the projects completed on physical and financial closure of project.

4.5 Accordingly, since 63<sup>rd</sup> PSMG-I which was held on 22.08.2023, 9 projects were declared completed by Member Secretary, NCRPB which include 2 projects of PWD(B&R) Haryana, 1 project of PHED Haryana, 1 project of NMRC, 1 project of GNIDA, 2 projects of PWD Rajasthan and 2 projects of JDA.

**Proposal:**

**Status is placed before the Group for information.**



### Agenda Item No. 64/5: Status - Assistance by Asian Development Bank (ADB) and KfW (German Development Bank) to NCRPB

5.1 **Asian Development Bank:** ADB has approved a loan of US \$ 150 million to NCRPB as a Multi-Tranche Financing Facility for financing infrastructure projects in the National Capital Region (NCR) and its Counter Magnet Areas (CMAs). The loan agreement for the 1<sup>st</sup> tranche of US \$ 78 million was signed between ADB and NCRPB on 17.3.2011. Out of Tranche-1 loan amount of USD 78 million, USD 18.01 million has been cancelled. Board has already utilized the entire loan amount of USD 59.99 million (INR 352.06 crore) by the loan closing date of 31.12.2014 for tranche1. The rate of interest is based on Alternate Reference Rate + Margin w.e.f. January 2022 (upto December 2021 interest was based on 6 months Libor + Margin) as may be determined by ADB based on their cost of funds of the relevant period payable half yearly. The repayment period is 25 years with 5 years moratorium for repayment of the principal amount. The commitment charges were payable to ADB up to December, 2014 @ 0.15% p.a. on the undrawn loan amount.

5.2 **Status of Projects under ADB line of credit:** The status of projects being funded under the ADB loan facility is as follows:-

(Rs. in Cr.)				
S. No.	Project/Agency	Project Cost	Loan Sanctioned	Current Status
1	2	3	4	
1	Improvement of Roads in Jhajjar districts, Haryana-PWD (B&R)/HSRDC	169.98	127.48	Completed
2	Improvement of Roads in Sonapat district, Haryana -PWD (B&R)/HSRDC	125.40	94.05	-do-
3	Construction of Badli-bypass, Haryana - PWD (B&R)/HSRDC	62.92	39.45	-do-
4	Widening & Strengthening of Gohana Lakhanmajra Bhiwani road upto district Rohtak boundary road from km. 0.000 to 37.700 - PWD (B&R)/HSRDC	99.77	74.83	-do-
5	Widening & strengthening of U.P. border Sonapat Gohana road upto District Sonapat boundary from km. 11.600 to 74.000 - PWD (B&R)/ HSRDC	176.26	132.20	-do-
6	Widening & up-gradation of Gurgaon-Chandu-Badli Bahadurgarh Road - PWD (B&R)/HSRDC	244.10	183.08	-do-
7	Sonapat Drainage Scheme - PHED, Haryana.	21.72	16.29	-do-
8	Augmentation of Water Supply in Pataudi - PHED, Haryana	41.15	30.86	-do-
9	Water Supply Scheme for Nalhar Medical College & Nuh town - PHED, Haryana	150.00	112.50	-do-
	<b>Total</b>	<b>1091.3</b>	<b>810.74</b>	



5.3 **Debt Service:** Board has been making regular payments of its dues to ADB. Board has made payment of Rs. 74.95 cr. (\$ 10.17 million) to ADB on account of interest and commitment charges as on 31.01.2024. Further, Board has repaid an amount of Rs. 94.91cr. (\$12.83 mn) towards principal outstanding to ADB as on 31.01.2024. The total outstanding loan is USD 47.16 million (equivalent INR 391.81Cr.) as on 31.01.2024.

5.4 **KfW - (German Development Bank):** Loan agreements of Euro 100 million + Euro 1 million Grant for environment friendly schemes in the water supply, sewerage, drainage, solid waste management and urban transport Sectors to National Capital Region Planning Board were signed on dated 09.02.2012 & 30.03.2012 respectively. The repayment period is 15 years with 5 years moratorium for repayment of the principal amount. The loan is at fixed rate of Interest @ 1.83% p.a. A total amount of Euro: 100 million (Rs. 745.99 Crore) has been claimed & disbursed by KfW to the Board. The commitment charges were payable to KfW @ 0.25% p.a. up to December, 2016 and subsequently @ 0.40% p.a. w.e.f. January 2017 to December, 2018 on the undrawn loan amount.

5.5. **Status of Projects under KfW line of credit:** The status of projects being funded under KfW line of credit are as follows:-

(Rs. in Cr.)

Sl. No.	Name of the Project	Project Cost	Loan Sanctioned/ Final Loan as per CC	Current Status
	1	2	3	4
1	Augmentation of Water Supply in Kota, Rajasthan - UIT, Kota	158.29	113.74	Completed
2	Water supply scheme at Farrukh Nagar Distt., Gurgaon-PHED, Haryana	13.90	6.35	Completed
3	15 Mld Sewage Treatment Plant and Pumping Station at Ecotech-II, Greater Noida – GNIDA	21.17	15.87	Completed
4	20 Mld Sewage Treatment Plant and Pumping Station at Ecotech-III, Greater Noida – GNIDA	28.15	21.10	Completed
5.	Raw Water Conveyance Main from Intake at Dehra (Ghaziabad) to WTP Site at Palla (Greater Noida) and Clear Water Main from WTP Site to Master Reservoir (Greater Noida) Under 85 Cusec Ganga Jal Project for Greater Noida – GNIDA	183.19	137.39	Completed
6.	Primary Treatment Works at Dehra (Ghaziabad) & 210 Mld	121.48	87.16	Completed



Sl. No.	Name of the Project	Project Cost	Loan Sanctioned/ Final Loan as per CC	Current Status
	1	2	3	4
	Water Treatment Plant at Palla (Greater Noida) & Allied Works Under 85 Cusec Ganga Jal Project For Greater Noida - GNIDA			
7.	Alwar Water Supply Upgradation Scheme - PHED, Rajasthan	174.86	131.14	IA informed that the work is completed except two interconnections of around 229 mtr. and assured to submit UC/CC by 29.02.2024.
8.	Rajgarh Water Supply Upgradation Scheme - PHED, Rajasthan	20.24	15.18	IA had informed that final bill under this project was pending and assured to submit UC/CC by 31.01.2024. However, the same is still awaited.
9.	Behror Water Supply Upgradation Scheme - PHED, Rajasthan	26.02	19.51	IA informed that the court hearing was scheduled on 10.01.2024. Further extension in time granted upto 31.03.2024 for both projects.
10	Tijara Water Supply Upgradation Scheme - PHED, Rajasthan	16.46	12.35	
11	Bhiwadi Water Supply Scheme-PHED, Rajasthan	40.69	30.52	IA informed that the work will be completed in Jan.-2024 and assured to submit UC/CC by 29.02.2024.
12	Noida to Greater Noida Metro Extension (7 eligible contracts) *	448.00	268.66	Completed
		<b>1252.45</b>	<b>858.97</b>	

\* NCRPB had sanctioned the project 'Noida to Greater Noida Metro Extension' (implemented by NMRC) with an estimated cost of Rs. 5503 Cr. and sanctioned loan assistance to the tune of Rs. 1587 Cr. Subsequently, loan for Rs.157 Cr. was cancelled in the 60<sup>th</sup> Meeting of the PSMG-I. The total sanctioned loan of Rs. 1430 Cr. has been released by NCRPB. Out of the total project component, KfW has approved to fund only 7 contracts with an estimated cost of Rs. 448 Cr. and disbursed Rs. 268.66 Cr. towards the said contracts.



**5.6. Debt Service:** Board has been making regular payments of its dues to KfW. Board has made payment of Rs. 79.94 cr. (€ 9.80 million) to KfW on account of interest and commitment charges as on 31.01.2024. Further, Board has repaid an amount of Rs.586.36 cr. (€ 70 mn) towards principal outstanding to KfW as on 31.01.2024. The total outstanding loan of KfW is Euro 30 million (equivalent INR 269.65 Cr.) as on 31.01.2024.

**Proposal:**

**Status is placed before the Group for information.**



## **Agenda Item for 64/6: Any Other Item with Permission of the Chair:**

### **Revision of Interest Rates on Financial Assistance given by NCR Planning Board to NCR Participating States/ Implementing Agencies for Development Projects.**

#### **6.1 Background:**

6.1.1 During the 61<sup>st</sup> Meeting of the Project Sanctioning & Monitoring Group–I (PSMG-I) held on 24.03.2022 under the Chairmanship of Secretary (HUA), Ministry of Housing & Urban Affairs, Civil Aviation Department (CAD) Haryana's request to review the interest rate for "Development of Integrated Aviation Hub, Hissar (Phase II) project" from 8.5% to 6.9% was discussed and agreed that the project may be considered in the category of interest rate @7.00% at par with other Transport Sector (Road/Metro) Projects.

6.1.2 61<sup>st</sup> PSMG-I in its deliberations discussed in detail the financing structure of NCRPB and recommend to the Board to review NCRPB's existing interest rates, as follows:

- (i) Interest rates may be quarterly compounded instead of annually.
- (ii) Withdraw incentive (@0.25%) for timely repayment of loan.
- (iii) Interest rate may be 7.00% for all infrastructure projects, 7.50% for EWS housing projects and 8.00% for other residential/ commercial/ other projects.

6.2 As no Board Meeting is held so far, a proposal as per above recommendations of 61<sup>st</sup> PSMG-I was sent to the Chairman, NCRPB vide U.O. Note dated 09.02.2024 for approval of the proposal through circulation from the Board members which is under consideration at MoHUA. The matter was again put-up on 26.02.2024, wherein directions was received to place it in PSMG-I meeting. Accordingly, the matter is put-up again for perusal and guidance.

#### **6.3 Existing Interest Rates:**

The Board has been providing long term loans at simple interest rates on annual basis since 1985, wherein rates have been changed by the Board from time to time. Current rates are 7.00% to 8.50% p.a. since July, 2016. The tenure of loan varies from 10 years to 20 years with 2/3/5 years as moratorium for principal repayment. In addition, a rebate of 0.25% by reduction in interest rate, for timely payment of loan instalments, strictly as per repayment schedule, is available. Moreover, NCRPB also has provision for grant-in-aid upto 15% of the sanctioned project cost for water supply and sanitation projects on completion subject to fulfilment of terms and conditions laid down by the Board.

6.3.1 Market Interest Rates Scenario: 10 year G-sec rate was ~ 6.79% in March-2022 (when 61<sup>st</sup> PSMG-I was held) and currently is ~ 7.10% in February 2024 (copies are placed as **Annexure-64/6-I**).

6.3.2 Current interest rates category-wise are as under:

<b>Types of Project</b>	<b>Interest Rate</b>
Priority Infra. Projects viz. Water Supply, Sewerage, Sanitation, Drainage, SWM	7.00% p.a.
Roads, ROBs & Flyover, RUB, Expressways, Affordable/EWS Housing	7.00% p.a.
Metro/Rapid Rail/RRTS	7.00% p.a.
Power sector projects viz. Transmission, Distribution & Generation	7.50% p.a.
Land Development Projects- Residential / Industrial /Commercial and Other Infrastructure viz Technical/Medical institutions	8.50% p.a.

## 6.4 Impact:

6.4.1 The impact of recommendations at para 6.1.2 of 61<sup>st</sup> PSMG-I would be as under:

- (i) Annualized Interest Rate would increase by 0.19% to 0.24% if quarterly compounded
- (ii) Interest rate would increase by 0.25% if incentive is withdrawn
- (iii) Impact of revised interest rates category-wise would be as under:

Types of Project	Current Interest Rate	Current Incentive for timely repayments*	Net Current Interest Rate	Interest Rate Proposed (Quarterly Compounded)	Impact due to Quarterly Compounded	Effective Proposed Interest Rate
	A	B	C (A-B)	D	E (on D)	F
Priority Infra. Projects viz. Water Supply, Sewerage, Sanitation, Drainage, SWM	7.00%	0.25%	<b>6.75%</b>	7.00%	Increase by 0.19%	<b>7.19%</b>
Roads, ROBs & Flyover, RUB, Expressways	7.00%	0.25%	<b>6.75%</b>	7.00%	Increase by 0.19%	<b>7.19%</b>
Metro/Rapid Rail/RRTS	7.00%	0.25%	<b>6.75%</b>	7.00%	Increase by 0.19%	<b>7.19%</b>
Affordable EWS Housing	7.00%	0.25%	<b>6.75%</b>	7.50%	Increase by 0.21%	<b>7.71%</b>
Power sector projects viz. Transmission, Distribution & Generation	7.50%	0.25%	<b>7.25%</b>	7.00%	Increase by 0.19%	<b>7.19%</b>
Land Development Projects- Residential / Industrial /Commercial and Other Infrastructure viz Technical/Med ical institutions	8.50%	0.25%	<b>8.25%</b>	8.00%	Increase by 0.24%	<b>8.24%</b>

\* So far all projects have been able to avail this incentive benefit due to timely repayments.

## Proposal:

**Recommendations of 61<sup>st</sup> PSMG-I at para 6.1.1 and 6.1.2 are submitted for perusal and guidance.**



### Ratio and Rates

(Per cent)

Item/Week Ended	2021	Feb. 18	Feb. 25	2022	Mar. 11	Mar. 18
	Mar. 19			Mar. 4		
	1	2	3	4	5	6
<b>Ratios</b>						
Cash Reserve Ratio	3.00	4.00	4.00	4.00	4.00	4.00
Statutory Liquidity Ratio	18.00	18.00	18.00	18.00	18.00	18.00
Cash-Deposit Ratio	..	..	4.64	..	4.63	..
Credit-Deposit Ratio	..	..	71.80	..	71.98	..
Incremental Credit-Deposit Ratio	..	..	62.88	..	65.84	..
Investment-Deposit Ratio	..	..	28.80	..	29.19	..
Incremental Investment-Deposit Ratio	..	..	18.81	..	24.80	..
<b>Rates</b>						
Policy Repo Rate	4.00	4.00	4.00	4.00	4.00	4.00
Reverse Repo Rate	3.35	3.35	3.35	3.35	3.35	3.35
Marginal Standing Facility (MSF) Rate	4.25	4.25	4.25	4.25	4.25	4.25
Bank Rate	4.25	4.25	4.25	4.25	4.25	4.25
Base Rate	7.40/8.80	7.25/8.80	7.25/8.80	7.25/8.80	7.25/8.80	7.25/8.80
MCLR (Overnight)	6.55/7.05	6.45/7.00	6.45/7.00	6.45/7.00	6.45/7.00	6.45/7.00
Term Deposit Rate >1 Year	4.90/5.50	5.00/5.60	5.00/5.60	5.00/5.60	5.00/5.60	5.00/5.60
Savings Deposit Rate	2.70/3.00	2.70/3.00	*2.70/3.00	2.70/3.00	2.70/3.00	2.70/3.00
Call Money Rate (Weighted Average)	3.25	3.26	3.30	3.28	3.33	3.29
91-Day Treasury Bill (Primary) Yield	3.29	3.68	3.70	3.74	3.81	3.77
182-Day Treasury Bill (Primary) Yield	3.52	4.16	4.19	4.29	4.38	4.33
364-Day Treasury Bill (Primary) Yield	3.84	4.49	4.52	4.63	4.71	4.65
10-Year G-Sec Par Yield (FBIL)	6.37	6.66	6.76	6.82	6.85	6.79
<b>FBIL@Reference Rate and Forward Premia</b>						
INR-US\$ Spot Rate (₹ Per Foreign Currency)	72.52	74.92	75.28	76.12	76.44	75.89
INR-Euro Spot Rate (₹ Per Foreign Currency)	86.45	85.16	84.38	83.95	84.09	83.65
Forward Premia of US\$ 1-month	6.62	3.52	4.30	4.33	5.57	4.90
3-month	5.68	4.40	4.41	4.41	4.63	4.32
6-month	5.38	4.15	4.20	4.20	4.30	4.06

@ Financial Benchmarks India Private Limited (FBIL) has taken over from RBI, the computation and dissemination of reference rate for spot USD/INR and exchange rate of other major currencies with effect from July 10, 2018.



Date : Feb 23, 2024

Cash Reserve Ratio and Interest Rates

(Per cent)

Item/Week Ended	2023	2024				
	Feb. 17	Jan. 19	Jan. 26	Feb. 2	Feb. 9	Feb. 16
	1	2	3	4	5	6
<b>Ratios</b>						
Cash Reserve Ratio	4.50	4.50	4.50	4.50	4.50	4.50
Statutory Liquidity Ratio	18.00	18.00	18.00	18.00	18.00	18.00
Cash-Deposit Ratio	..	..	5.10	..	4.94	..
Credit-Deposit Ratio	..	..	(5.07)	..	(4.91)	..
Incremental Credit-Deposit Ratio	..	..	77.67	..	77.68	..
Investment-Deposit Ratio	..	..	(79.98)	..	(79.95)	..
Incremental Investment-Deposit Ratio	..	..	95.59	..	94.43	..
	..	..	(117.52)	..	(114.89)	..
	..	..	29.49	..	29.69	..
	..	..	(29.78)	..	(29.98)	..
	..	..	24.52	..	26.84	..
	..	..	(27.74)	..	(29.72)	..
<b>Rates</b>						
Policy Repo Rate	6.50	6.50	6.50	6.50	6.50	6.50
Fixed Reverse Repo Rate	3.35	3.35	3.35	3.35	3.35	3.35
Standing Deposit Facility (SDF) Rate *	6.25	6.25	6.25	6.25	6.25	6.25
Marginal Standing Facility (MSF) Rate	6.75	6.75	6.75	6.75	6.75	6.75
Bank Rate	6.75	6.75	6.75	6.75	6.75	6.75
Base Rate	8.65/9.40	9.10/10.25	9.10/10.25	9.10/10.25	9.10/10.25	9.10/10.25
MCLR (Overnight)	7.50/8.40	8.00/8.60	8.00/8.60	8.00/8.60	8.00/8.60	8.00/8.60
Term Deposit Rate >1 Year	6.00/7.25	6.50/7.25	6.50/7.25	6.50/7.25	6.50/7.25	6.50/7.25
Savings Deposit Rate	2.70/3.00	2.70/3.00	2.70/3.00	2.70/3.00	2.70/3.00	2.70/3.00
Call Money Rate (Weighted Average)	6.36	6.76	6.77	6.72	6.55	6.71
91-Day Treasury Bill (Primary) Yield	6.73	6.97	7.02	7.04	7.01	7.05
182-Day Treasury Bill (Primary) Yield	7.12	7.17	7.19	7.18	7.15	7.18
364-Day Treasury Bill (Primary) Yield	7.16	7.15	7.17	7.15	7.11	7.15
10-Year G-Sec Par Yield (FBIL)	7.37	7.21	7.18	7.06	7.11	7.10
<b>Reference Rate and Forward Premia @</b>						
INR-US\$ Spot Rate (₹ Per Foreign Currency)	82.81	83.13	83.12	82.84	83.00	83.04
INR-Euro Spot Rate (₹ Per Foreign Currency)	88.06	90.45	90.42	90.13	89.40	89.35
Forward Premia of US\$ 1-month	1.88	1.29	1.30	1.20	1.36	1.27
3-month	2.37	1.65	1.59	1.57	1.60	1.57
6-month	2.13	1.63	1.60	1.55	1.55	1.55

\*As per Press Release No. 2022-2023/41 dated April 08, 2022.

@ Financial Benchmarks India Private Limited (FBIL) has taken over from RBI, the computation and dissemination of reference rate for spot USD/INR and exchange rate of other major currencies with effect from July 10, 2018. Data on forward premia are sourced from FBIL with effect from October 13, 2023.

Figures in parentheses include the impact of merger of a non-bank with a bank.