

**F.No.9-8/2022-PM POSHAN 2-1**  
**Government of India**  
**Ministry of Education**  
**Department of School Education & Literacy**  
**PM-POSHAN Division**  
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**Shastri Bhawan, New Delhi**

**Dated 13th June, 2022**

**Subject: Minutes of the Meeting of Programme Approval Board (PAB) held on 11.04.2022 to consider the Annual Work Plan and Budget (AWP&B) of National Informatics Centre (NIC) under PM POSHAN for 2022-23.**

The meeting of Programme Approval Board-Pradhan Mantri Poshan Shakti Nirman (PAB-PM POSHAN) was held on 11.04.2022 through Video Conferencing to consider the Annual Work Plan & Budget 2022-23 in respect of National Informatics Centre (NIC).

2. The minutes of the above PAB meeting have been approved by the Secretary, Department of School Education & Literacy. Please find enclosed a copy of the approved minutes for your information and necessary action.

Encl. As above.

*VAK*  
*13.6.2022*

**(Ajay Kumar)**

**Under Secretary to the Govt. of India**

**Tel. 011-23386169**

To

1. Dr. Neeta Verma, Director General, NIC, A-Block, Lodhi Road, CGO Complex, New Delhi-110003.
2. Secretary, Ministry of Social Justice & Empowerment.
3. Secretary, Ministry of Tribal Affairs.
4. Secretary, D/o Drinking Water and Sanitation, Ministry of Jal Shakti, Pandit Deendayal Antyodaya Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.
5. Secretary, Ministry of Minority Affairs, Pandit Deendayal Antyodaya Bhawan, CGO Complex, Lodhi Road, New Delhi-110003.
6. Secretary, Department of Empowerment of Persons with Disability, Ministry of Social Justice & Empowerment, CGO Complex, Lodhi Road, New Delhi-110003.
7. Secretary, Ministry of Labour, Shram Shakti Bhavan, New Delhi.
8. Secretary, Ministry of Women and Child Development, Shastri Bhawan, New Delhi.

**Contd...2/-**

9. Secretary, Department of Food & Public Distribution, Krishi Bhawan, New Delhi.
10. Secretary, Ministry of Rural Development, Krishi Bhavan, New Delhi
11. Secretary, Ministry of Health & Family Welfare, New Delhi.
12. Dr. Santosh Kumar Sarangi, Additional Secretary, MoE.
13. Dr. Prem Singh, Advisor (Education), NITI Aayog.
14. Shri Santosh Kumar Yadav, Joint Secretary (SS.I), MoE.
15. Ms. L. S. Changsan, Joint Secretary (Instt.), MoE.
16. Shri Maneesh Garg, Joint Secretary (SS.II), MoE.
17. Shri Vipin Kumar, Joint Secretary (AE &Coord.), MoE.
18. Ms. Darshana M. Dabral, JS & FA, MoE
19. Shri R. C. Meena, Joint Secretary (EE.1), MoE.
20. Ms. Geetu Joshi, Economic Adviser, MoE.
21. Shri V. Hegde, DDG(Statistics), MoE.
22. Dr. Sridhar Srivastava, Director, NCERT.
23. Professor N. V. Varghese, Vice Chancellor, NIEPA.
24. Joint Secretary, Ministry of Labour, Shram Shakti Bhavan, New Delhi
25. Joint Secretary, ICDS, Ministry of Women and Child Development, A-Wing, 6<sup>th</sup> Floor, Shastri Bhawan, New Delhi
26. Joint Secretary, Department of Food & Public Distribution, Krishi Bhawan, New Delhi
27. Joint Secretary, Ministry of Rural Development, Krishi Bhavan, New Delhi
28. Joint Secretary, Ministry of Health & Family Welfare, New Delhi.

**Copy also to:**

1. PPS to Secretary (SE&L), Ministry of Education.
2. Shri Shobhit Gupta, Director (Finance), SE&L, MoE.
3. Director (GVB) / Director (RA) / Deputy Secretary (DA) in PM POSHAN Division.
4. Under Secretary (IS-17) / Under Secretary (AD) / Under Secretary (SA)
5. Shri Saba Akhtar, Scientist-E, NIC.
6. Shri Dinesh Pradhan, Senior Consultant, MoE for uploading the minutes on PM-POSHAN website.
7. Guard File.

**Government of India**  
**Ministry of Education**  
**Department of School Education & Literacy**

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**Minutes of the Meeting of Programme Approval Board (PAB) held on 11.04.2022 to consider the Annual Work Plan and Budget (AWP&B) of National Informatics Centre (NIC) under Pradhan Mantri Poshan Shakti Nirman (PM POSHAN) for 2022-23**

The meeting of the PAB to consider the AWP&B 2022-23 pertaining to various management initiatives under PM POSHAN to be implemented with the support of NIC was held through VC on 11<sup>th</sup> April, 2022 under the Chairpersonship of Secretary, Department of School Education & Literacy. The list of participants is at **Annexure-I**.

*The agenda before the PAB was:*

- i. To review the status and progress of activities performed by National Informatics Centre (NIC)
  - ii. To consider the proposal of NIC for the year 2022-23.
2. Secretary, DoSE&L welcomed all the participants of PAB-PM POSHAN and made opening remarks. She requested the representatives of the NIC to highlight the activities undertaken during 2021-22 and their proposals for 2022-23.
3. Shri R. Sethi, DDG, NIC briefed the PAB about the role of NIC. Subsequently, Sh. Saba Akhtar, Senior Technical Director, NIC made a presentation on the activities carried out by NIC during 2021-22 along with proposals for 2022-23 as detailed below:

**3.1 PM POSHAN– Management Information System (PM POSHAN-MIS):** Pradhan Mantri Poshan Shakti Nirman (PM POSHAN) earlier known as the National Programme of Mid-Day Meal in Schools is one of the foremost rights based Centrally Sponsored Schemes under the National Food Security Act, 2013 (NFSA). The primary objective of the scheme is to improve the nutritional status of children studying in classes I-VIII in eligible schools. NIC developed a portal for capturing the information on important parameters like number of cook-cum-helpers engaged, availability of Infrastructural facilities like Kitchen-cum-stores & Kitchen devices, mode of cooking etc. on annual basis. There are large number of users at Centre, State, District, Block level accessing the PM POSHAN-MIS portal. The portal also captures monthly data which helps in monitoring the critical components/ indicators of the PM POSHAN such as number of days hot cooked meal served to the children,

honorarium paid to cook-cum-helpers etc. The data entered into PM POSHAN-MIS portal is automatically compiled and all the relevant reports are made available to users at various levels. The portal is continuously updated/maintained as per new requirements from the Department as well as per feedback from end users after requisite approvals.

**3.2 National Portal for PM POSHAN (Website):** PM POSHAN website contains documents related to release of central assistance to the States/UTs; State/UT wise allocation of food grains; best practices followed by States/UTs in implementation of the scheme; documents related to Programme Approval Board meetings; guidelines for implementation of PM POSHAN Scheme, relevant reports of joint review missions, important notifications, circulars, office orders etc..

**3.3 National Platform for Automated Monitoring System (PM POSHAN-AMS):** The Automated Monitoring System (AMS) is used to report and monitor online, the daily number of meals served at School Level and the reasons, if meals are not served. The data is being collected by States/UTs by different communication modes (like SMS, IVRS, Mobile APPs, Online web applications) and then sent to NIC central server in a predefined format which is shown on the portal being maintained by NIC. Based on the data collected, various drill down dashboard reports are made available for real time monitoring of the scheme at National/State/District/Block level. In this regard, email alerts are also being sent to States/UTs regarding implementation of AMS on daily basis.

3.4 The status of implementation of various activities related to above three modules, as approved by PAB-PM POSHAN during FY 2021-22 is given below:

Project Name & Plan		Present Status
<b>A. Software and App design, Development, Maintenance, Enhancement and Support</b>		
<b>1</b>	<b>PM POSHAN Website</b>	
	Website Re-design	<ul style="list-style-type: none"> <li>Maintenance of Existing Website.</li> <li>The Draft Proposal on revamp website already shared with Ministry and few Templates already available to launch the CMS based Information Dissemination Portal.</li> <li>Development is in Progress.</li> </ul>
<b>2</b>	<b>PM POSHAN MIS Platform</b>	

	Maintenance, Enhancement & support Services of PM POSHAN-MIS	<ul style="list-style-type: none"> <li>• Operation and Maintenance support provided for PM POSHAN MIS.</li> <li>• 95% Integration with UDISE+ school code using API.</li> <li>• School Master Directory Mismatch from UDISE+ for ~5% of Schools. The same has been communicated to Ministry and Ministry has further sent the same to States for further action.</li> <li>• DBT Monthly Data Transfer using API and Monthly Data transfer on Prayas Darpan Portal using api.</li> <li>• Updates have been installed on servers to prevent possible attack WannaCry and ransomware.</li> </ul>
<b>3</b>	<b>PM POSHAN – AMS / ARMS Platform</b>	
	a. Maintenance, Enhancement & support Services of PM POSHAN-AMS and ARMS	<ul style="list-style-type: none"> <li>• Day to day technical issues related to MIS and AMS being resolved.</li> <li>• Customized reports (format designed by state/district) as per the requirement of ministry / State / UT.</li> <li>• Application/ Database server synchronization, cleaning and backup on regular basis.</li> <li>• The Webpage of the POSHAN ARMS redesigned.</li> </ul>
<b>4</b>	Technical Consultancy Support (TCS)	<ul style="list-style-type: none"> <li>• Support in Template Designing for PM POSHAN Website.</li> <li>• Requirement Specification and Preparation of Terms of Reference for Vendor On boarding</li> <li>• Preparation of user manuals.</li> <li>• Assist the Technical Team in Integration and API sharing with UDISE+ and other systems.</li> </ul>

4. Details of budget estimates approved and Releases details during the F.Y.2021-22 to NIC/NICSI are given as under:

S.N.	Component Name	Amount (Rs. In Lakhs)
1	a. PAB approval for F.Y 2021-22	475.20
	<b>b. As per UC for the year 2020-21, the unspent balance lying with NICSI as on 31.03.2021</b>	2.21
2	<b>Total Amount Released to NICSI/NIC during F.Y. 2021-22* (120.00-TDS=107.80)</b>	107.80
3	<b>Expenditure (Utilized + Committed)</b>	23.42

	a. Amount Utilized	7.74
	b. Committed Expenditure	15.68
4	<b>Net Available Balance (1.b+2-3)</b>	86.59

\*Total amount released to NICSI/NIC during F.Y. 2021-22 is Rs. 120.00 lakh.

## 5. NIC's Proposals and PAB-PM POSHAN Approvals for 2022-23

5.1. NIC submitted a proposal with a projected fund requirement of Rs. 373.48 lakhs for 2022-23. The estimates are for software design, development, Maintenance, Enhancement & support services of PM POSHAN-MIS, PM POSHAN – AMS Portal, Development and Hosting Infrastructure, Tools and Licenses, Messaging services and certification, Technical Consultancy Support, operational support and capacity building, and other miscellaneous expenses i.e. Travel & Office expenses .

5.2. The projects for the year 2022-23 will be executed through NICSI empanelled vendors empanelled for the application, website development including App, consulting services, cloud support, audit certification agency empanelled through NICSI/CERT-IN on manpower or outsource model. Hardware procurement will be done through the GEM portal. The rate of manpower per man-months under different categories will be based on the applicable rates of the NICSI empanelled agencies.

5.3. NIC has proposed following activities for the year 2022-23:

#	Project Name & Plan	Proposed Activities
<b>A. Software and App design, Development, Maintenance, Enhancement and Support</b>		
1	<b>PM POSHAN Website</b>	
	Website Re-design	<ul style="list-style-type: none"> <li>• Completion of the development of Content Management System (CMS) for static and dynamic webpages integration.</li> <li>• The developed website will be Intuitive, Well structured, organized and responsive in nature with good navigation for ease of usage.</li> <li>• The webpage will be multilingual in nature.</li> <li>• Compliance to GIGW, W3C and other guidelines.</li> <li>• Responsive interface compatible with the popular web browsers viz Mozilla Firefox, Google Chrome, Opera, Safari, MS Edge and MS Internet Explorer etc.</li> <li>• The Domain of the Website, MIS and ARMS to be changed to new Domain name.</li> </ul>

2	<b>PM POSHAN MIS Platform</b>	
	Maintenance, Enhancement & support Services of PM POSHAN-MIS	<ul style="list-style-type: none"> <li>• The existing PM-POSHAN-MIS platform shall be maintained and supported.</li> <li>• State AWP&amp;B (Annual work plan &amp; budget) online submission for all the States.</li> <li>• Enhance Usage/Utilization of the PM POSHAN MIS Platform. Support for onboarding, sustainability and improve utilization of system and ensure data collection from all onboarded States / UTs.</li> <li>• Workshop / training to end users.</li> <li>• Data Sharing Policy and API Development for different platforms.</li> <li>• Integration with Panchayati Raj Portal/System for sharing data on meals served and other required parameters.</li> </ul>
3	<b>PM POSHAN - AMS / ARMS Platform</b>	
	Maintenance, Enhancement & support Services of PM POSHAN-AMS and ARMS	<ul style="list-style-type: none"> <li>• The existing ARMS platform shall be enhanced, maintained and supported.</li> <li>• Enhanced server architecture for performance improvement.</li> <li>• Improved data visualization and data analytics.</li> <li>• Additional features for software options based bulk shifting of schools and/or teachers by mapping these to newly upgraded/ created schools, video tutorials.</li> <li>• Features related to teacher / student attendance, deworming tablets distribution details and any other associated improvements in portal.</li> <li>• Support for onboarding, sustainability and improve utilization of system and ensure data collection from all onboarded States / UTs.</li> <li>• Robust configurable event-based alerts and Notifications.</li> <li>• Data archival.</li> <li>• Mobile App to be developed.</li> </ul>
4	Technical Consultancy Support (TCS)	<p>TCS is required for improving utilization of PM POSHAN-MIS and AMS / ARMS.</p> <p>The Roles &amp; Responsibilities are as follows:</p> <ul style="list-style-type: none"> <li>• System Study and Understanding the requirements for enhancements.</li> <li>• End to end project management.</li> <li>• Status Reporting and Monitoring of applications.</li> <li>• Preparation of manuals and support in Capacity Building.</li> </ul>

	<ul style="list-style-type: none"> <li>Assist the Technical Team in Integration and API sharing with other Teams.</li> <li>Data Structure, Meta Data Standard to be documented.</li> </ul>
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5.4 During the meeting, Secretary (SE&L) advised that all the information/data relating to School Education i.e. Samagra Shiksha, Padma Likhna Abhiyan and PM POSHAN etc. may be prominently displayed on the DoSE&L website. Secretary (SE&L) also advised to reconcile the UDISE+ data with school registry data. It was further suggested that efforts may be made for including the features like remote/virtual inspection by using video calls, random calling for cross verification of data reported etc. in the software.

5.5 After detailed deliberation, PAB approved the following:-

Activity-wise financial proposals and PAB approvals for FY 2022-23

Sr. No.	Project Name	Proposal by NIC (Rs. in Lakh)	PAB-PM POSHAN approval (Rs. in Lakh)
<b>Estimates for the Software design, development, maintenance, enhancement, support &amp; travel etc.</b>			
<b>A</b>	<b>Maintenance, Enhancement &amp; support Services of PM POSHAN-MIS, PM POSHAN-AMS Portal</b>		
<b>1</b>	<b>PM POSHAN Website</b>		
	a. Redesign and Development of Website	35	35
	b. Existing Content Migration to new Website		
<b>2</b>	<b>PM POSHAN MIS Portal</b>		
	a. Maintenance and Support (Existing)	30	30
	b. Integration with UDISE+ and other Portals		
<b>3</b>	<b>PM POSHAN- AMS / ARMS Portal</b>		
	a. Maintenance, Enhancement & support Services of PM POSHAN-AMS and ARMS	40	40
	b. Mobile App		
	c. Dashboard and Reports		
<b>B.</b>	<b>Operational Cost – Development and Hosting Infrastructure, Tools and Licenses</b>		
	a. Maintenance of Servers		
	b. Cloud Hosting Charges and Licenses		
	c. NICSI Seat charges, Hardware for Development, PC / Laptop, External backup etc.	35	35



<b>C. Messaging Services and Certification</b>			
	a. SMS account for confirmatory SMS 1 crore messages @31.00 per 1000 messages - Total 11 Lakh schools for 240 working days (on Actuals)		
	b. SMS for notifications of PM POSHAN and other MoE initiatives DoSE&L	100	100
	c. SSL Certificate, Audit & Certification, Performance, Load& Quality Testing		
<b>D. Technical Consultancy Support, Operational Support and Capacity Building</b>			
	a. TCS, Operational Support and Capacity Building		
	b. Study of PM POSHAN-MIS, AMS, ARMS to identify existing challenges and requirement finalization for revamping of existing platform	40	40
	c. Help desk for on boarded States		
<b>E. Miscellaneous – Travel and Office Expenses</b>			
	a. Travel, Office Expenses	10	10
<b>F. Total Cost (A+B+C+D+E)</b>		290	290
G. Contingency 2% of Total Cost		5.80	5.80
<b>H. Total with Contingency (F+G)</b>		295.80	295.80
I. NICSI Administrative Charges @7%		20.71	20.71
<b>J. Total with Contingency and Admin Charges (H+I)</b>		316.51	316.51
K. Taxes 18%		56.97	56.97
<b>Grand Total (J+K)</b>		<b>373.48</b>	<b>373.48</b>

The projects will be executed through NICSI empanelled vendors, empanelled for the application, website development and enhancement, consulting services, implementing agencies, cloud support, certifications agency for security and quality in manpower or outsource model. The rate of manpower per man months is based on the currently applicable rates for NICSI empanelled agencies.

5.6 Estimated funds requirement for the F.Y 2022-23, after adjusting the balance available with NICSI during the F.Y 2021-22

S.N.	Component Name	Fund Required (Rs. In Lakhs)
1	Total Amount Required for the F.Y 2022-23	373.48
2	Net Available Balance (F.Y. 2021-22) as on 29.03.2022	86.58
3	Fund requirement for F.Y. 2022-23 after adjusting Balance* (1-2)	286.90

\* Inclusive all taxes and NICSI administrative charges

6. After detailed discussions, PAB approved the budget estimate of Rs. 373.48 lakhs for the year 2022-23 which includes NICSI administrative charges @7% and Goods & Services Tax(GST) @18%.The funds are to be released in favour of NICSI, New Delhi. It is further clarified that net maximum admissible amount will be Rs. 286.90 lakh after adjusting the balance available.
7. NIC will follow the procedures for execution of the above projects as governed by office order dated 18th June, 2014 and 10th February, 2015 of Department of Electronics & Information Technology (now Ministry of Electronics and Information Technology. Also, NIC to follow SOP dated 26th April, 2016 of NICSI for assigning work to empanelled Consultancy Agencies.
8. The requirement of fund for these projects will be met from Professional Services head of account under National Component of PM POSHAN Scheme.

The meeting ended with vote of thanks to the chair.

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**List of participants**

1. Ms. Anita Karwal, Secretary (SE&L), MoE
2. Shri R.C. Meena, Joint Secretary (EE.I), MoE
3. Shri Rajender Sethi, DDG, NIC
4. Shri Venkataramana Hegde, DDG, MoE
5. Ms. Geetu Joshi, EA(SE&L), MoE
6. Shri G. Vijaya Bhaskar, Director (PM POSHAN), MoE
7. Shri Shobhit Gupta, Director (Finance), MoE
8. Shri Saba Akhtar, Senior Technical Director / Scientist – E, NIC
9. Shri Ajay Chahal, SIO, HP
10. Shri Ajay Kumar, Under Secretary, PM POSHAN, MoE
11. Shri Ravi Shankar Verma, Assistant Director, MoRD.
12. Shri Ashwani Kumar, Scientist – C, NIC
13. Ms. Manju Mudgal, Section Officer, PM POSHAN, MoE