# F.No. 12011/08/2023-IPMD (61319) Government of India/(भारत सरकार) Ministry of Statistics & Programme Implementation साख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय (Infrastructure & Project Monitoring Division) (बुनियादी ढांचा और परियोजना निगरानी प्रभाग)

Janpath, New Delhi/जनपथ, नई दिल्ली Dated 03.09.2024

# **OFFICE MEMORANDUM**

#### Subject: Streamlining the Monitoring Mechanism of Infrastructure Projects - reg

In order to streamline the Monitoring Mechanism of Infrastructure Projects across the line Ministries/ Departments aiming to i) adopt principle of *one data, one entry* by the line Ministries/ Departments on the unified OCMS/IIG-PMG Portal, ii) Introduce milestone-based monitoring for better granularity and iii) bringing uniformity/rationality in reporting of key project monitoring parameters, the Ministry of Statistics and Programme Implementation (MoSPI) in consultation with the concerned stakeholders (especially DPIIT and DEA) has documented the following:

- a) The format of Common Upload Form (CUF) for data entry (Annexure-I).
- b) Major field parameters and their definitions to be captured on the unified OCMS-IIG-PMG portals through Common Upload Form (*Annexure-II*).
- c) Milestone module at pre-construction and construction stages of the implementation of infrastructure projects (*Annexure-III*).
- d) New approach Milestone-based Time overrun and cost overrun methodology at preconstruction stage and construction stage (*Annexure-IV*).

e) Existing approach – Time overrun and cost overrun methodology (Annexure-V).

2. Also, MoSPI would generate the project-wise status reports, consisting raw information through its new OCMS application based on the data fetched from the unified OCMS-IIG-PMG portal. The same would be uploaded on the Ministry website for public dissemination. However, the varied summary reports containing any information on time and cost overruns (at pre-construction and construction stage) will be used solely for GoI monitoring purposes and will not be published in public domain.

3. The concerned Ministries are kindly requested to bring necessary changes in their portal/web applications and ensure that the complete data is uploaded in the CUF.

4. This issues with the approval of the Competent Authority.

(encl: as stated)

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(Ruchi Sharma) Joint Director/संयुक्त निदेशक 011-23455605 dir-ipmd@mospi.gov.in

To:

The concerned Line Ministries / Departments/ DPIIT/ DEA (as per list)

Annexure-I

BASIC INFORMATION	DETAILED INFORMATION		RDETAILS	PROJECT TIMELINE	
General Details	)				
Project Name *					
Enter Project Name					
Sector *			Sub Sector *		
-Select-		~	-Select-		~
Project Type					
-Select-		~	Project Scheme		v
					v
Do you Have Active Tende	rs?* ()		Project Classification *	onfield	
PM GatiShakti Project					
Project Location	•				
In how Many Location(s)	Your Project is Located? *				
Project Developme	ot				
Project Stage *	Under Development	Under Implementation			
Mode of Implementation *	*				
	Pure Private To Be F	inalized			
Project Status *					
Project Status * -Select-	~				
		Duration as per the San	ction Letter (In Months)		
-Select-		Duration as per the San	ction Letter (In Months)		
-Select- Date of Approval/Sanction	Date <b>O</b>		ction Letter (in Months)		

Project Viability Information

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→		pportunity		$\frown$
ASIC INFORMATION DETAILED	D INFORMATION TENDER	DETAILS	PROJECT TIMELINE	CONTACT DETAILS
Financial Details (All values entered should be in INR crores)				Help & Guide
Total Project Cost (INR Crore) * () (as per original sanction letter)	Base Financial Year			
₹	Select 🗸			
(TPC to be entered as Tentative figures for UC and UD stage)	(For calculation of total project cost)			
Is Total Project Cost inclusive of Land Cost?	t? * ①	Land Cost value (INR Cro	re) *	
⊖Yes ⊖No				
Is there any other cost to be considered as a	a part of Total Project Cost? * 🛈			
Yes No				
Other Cost Description *	Other Cost Target Value (INR Crore) *	Other Cost Actual Expend	liture Value (INR Crore)	
	As on Date			
(]) ₹	31/03/2019 📋			
Total Capital Outlay (INR Crore) ①	Total Actual Expenditure on date (INR Crore)	/Complete Expenditure as		
₹	₹			
Total Actual Expenditure Break-Up (INR Cror				
Field	,	Value		
Project Cost Incurred		₹		
Other Cost Actual Expenditure Value		₹		
Actual financial Progress		₹		
Project Cost Beyond FY 2025 ①				
₹				
Total Project Cost Break-Up (INR Crore)				
		Value		
Field				
Field Land Cost		₹		
Land Cost Project Cost Incurred		₹		
Land Cost				

Funding Details ① (All values entered should be in INR crores)

#### Budgetary Support

₹

MENT OF IN

Central Support (i) State Support (i)

Is this an Externally Aided Project (EAP)?  $\star$  (j)

⊖Yes ⊖No

# Internal and Extra-budgetary Sources

Debt Support (j)	Internal Accruals (j)	External Aid 🛈
₹	₹	₹

₹

₹									
		₹							
ther Sou	urces of Funding								
	ave any other sources of fur	nding? * 🤅	)						
Yes	No								
Funding	g Partner *		Value	*					
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FY 201		to	FY 2024-25						
11201	520					J			
Nonth	ly Actual Financial &	Physica	al Progress						
Month	Monthly Actual Financial F	Progress	Monthly Actual P	hysical Progress					
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2024 ′ear Wise ₹ -	e Phasing of Total Capital O		INR Crores) (j)		₹.		₹	-	Quarterly ^
2024 ′ear Wise ₹ -	e Phasing of Total Capital O 19-20		INR Crores) (j) - FY 2020-21		₹ Q2		₹ Q2	-	Quarterly ^
2024 'ear Wise ₹ - FY 20 22 ₹	e Phasing of Total Capital O 19-20	₹ Q2	INR Crores) ① - FY 2020-21 ₹		Q2	FY 2021-22 ₹	Q2	- FY 2022-23 ₹	Quarterly ^
2024 ′ear Wise ₹ - FY 20	e Phasing of Total Capital O 19-20	Ę	INR Crores) ① - FY 2020-21 ₹			FY 2021-22		FY 2022-23	Quarterly ^
2024 'ear Wise ₹ - FY 20 22 ₹ 33 ₹	e Phasing of Total Capital O 19-20	₹ Q2 Q3	INR Crores) (j) - FY 2020-21 ₹ ₹		Q2 Q3	FY 2021-22 ₹	Q2 Q3	- FY 2022-23 ₹	Quarterly ^
2024 'ear Wise ₹ - FY 20 22 ₹ 33 ₹	e Phasing of Total Capital O 19-20	₹ Q2	INR Crores) (j) - FY 2020-21 ₹ ₹		Q2	FY 2021-22 ₹	Q2	- FY 2022-23 ₹ ₹	Quarterly ^
2024 /ear Wise ₹ - FY 20 22 ₹ 23 ₹ 04 ₹	e Phasing of Total Capital O 19-20	₹ Q2 Q3	INR Crores) (j) - FY 2020-21 ₹ ₹		Q2 Q3	FY 2021-22 ₹	Q2 Q3	- FY 2022-23 ₹ ₹	Quarterly ^
2024 /ear Wise ₹ - FY 20 22 ₹ 23 ₹ 04 ₹	e Phasing of Total Capital O 19-20 -	₹ Q2 Q3 Q4	INR Crores) (j) - FY 2020-21 ₹ ₹	%	Q2 Q3	FY 2021-22 ₹	Q2 Q3 Q4	- FY 2022-23 ₹ ₹	
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2024 /ear Wise ₹ - FY 20 22 ₹ 23 ₹ 04 ₹	e Phasing of Total Capital O 19-20 d Financial Progress ①	₹ Q2 Q3 Q4	INR Crores) (j) - FY 2020-21 ₹ ₹		Q2 Q3 Q4	FY 2021-22         ₹         ₹         ₹	Q2 Q3 Q4	- FY 2022-23 ₹ ₹	
2024 'ear Wise ₹ - FY 20 22 ₹ 23 ₹ 24 ₹ chedule	e Phasing of Total Capital O 19-20 d Financial Progress ① %	<ul> <li>₹</li> <li>Q2</li> <li>Q3</li> <li>Q4</li> <li>6</li> <li>-</li> <li>Q1</li> </ul>	INR Crores) ① - FY 2020-21  ₹  ₹  ₹		Q2 Q3 Q4	FY 2021-22           ₹           ₹           ₹           ?           ?	Q2 Q3 Q4 6 -	- FY 2022-23 ₹ ₹	Quarterly ^



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Q1 -	%	Q1	%	Q1	%	Q1	%
Q2 -	%	Q2	%	Q2	%	Q2	%
Q3 -	%	Q3	%	Q3	%	Q3	%
Q4	%	Q4	%	Q4	%	Q4	%
Actual Physical Progress							View Quarterly A
-	%	-	%	-	%	-	
Q1 -	%	Q1	%	Q1	%	Q1	%
Q2 -	%	Q2	%	Q2	%	Q2	%
Q3 -	%	Q3	%	Q3	%	Q3	%
Q4	%	Q4	%	Q4	%	Q4	%
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equired Land Fully Acquired? *			
and Area		Area Unit	% of Total Land Remaining to be Acquired
		Select	~ ]
ote: For viewing purpose, land area will be shown in	hectares.		
kely date of pending land acquisition			
DD/MM/YYYY	Ë		
Right of Way Applicable? * 🛈		Availability of Right of Way for C	Construction
Yes No			%
cheduled Date of Start		Actual Date of Start	
DD/MM/YYYY	Ë	DD/MM/YYYY	₿
artner Details			
Partner Type		Partner Name	Delete

+ Add New

# Approvals & Clearances Details

Clearances	Required	Approval S	status
Coastal Regulatory Zone Clearance		Approved	Pending
Environmental and Forest Clearance		Approved	Pending
Defence clearance (Naval, Air Force, etc)		Approved	Pending
Add Clearance			

Other	Details

Project Description \*

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Project Related Do	cuments & Video		
Upload Documents			
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Uploaded Size : 0.00 MB			
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<u>All States</u>
All Schemes

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Learning From Project

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<u>FAQs</u>

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Invest India Start Up India Hub Industrial Information System Project Monitoring Group

S.N.	Field Name	Proposed Definition
1	Do you Have Active	Does your project have published tenders which are yet
	Tenders?	to be awarded?
2	Tender Award Date	The date when the tender is awarded (in case the project has multiple tenders, consider date of award of the first tender as project start date)
3	Date of Approval/ Sanction Date	The date when project is sanctioned/approved by the competent authority.
4	Project Start Date	The date of actual start of project (i.e. from implementation stage) which may vary across Ministries/ Departments.
5	Original Project completion date	The project duration has to be counted from the "Project Start Date" (i.e. Original Project Completion Date = "Project Start Date" + "Project duration as approved by the competent authority at the time of sanction")
6	Revised Project Completion Date	The revised project completion date as approved by the competent authority
7	Actual Completion Date	The date when project completion is achieved
8	Estimated Project IRR	Expected growth rate of a project investment or the rate at which the investment breaks even
9	Estimated Economic IRR	Indicates the rate of return at which the present value of the economic costs and benefits of the project are equal or the discount rate for which the net present value is zero (indicates whether the project is efficiently using the country's resources)
10	Total Project Cost	Total project cost approved by the sanction authority at the time of approval.
11	Revised Project Cost	The revised project cost as approved by the competent authority.
12	Project Completion Cost	Cumulative expenditure incurred till the time of project completion
13	Is Total Project Cost inclusive of Land Cost?	To capture "Land Cost" where it has been considered as part of Total Project Cost Calculation
14	Is there any other cost to be considered as a part of Total Project Cost?	To provide details of costs incurred prior to project start date or post completion date of the project
15	Project Cost Incurred	To provide details of costs incurred in pre-NIP period i.e. prior to FY 2019-2020

# Help text/ definition of major fields: IIG-PMG-OCMS portal

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16	Total Capital Outlay	Total cost to be incurred for the NIP period starting 01.04.2019 and ending 31.03.2025 - auto-calculated from
		Progress Details section
17	Project Cost Beyond FY 2025	To provide cumulative total project cost value to be incurred post NIP period ending FY 2024-2025
18	Central Support	Budgetary support from Central Government/Line Ministry
19	State Support	Budgetary support from State Government
20	Is this an Externally Aided Project (EAP)?	EAP projects funded through bilateral funding agencies or multilateral development banks such as World Bank, JICA, ADB etc.
21	Debt Support	Part of the Total Project Cost which is financed by debt/loan from financial institutions/other sources.
22	Internal Accruals	Part of the Total Project Cost which is financed by internal funds/balance sheet (reserves & surplus) of a Public Sector Undertaking/Company
23	External Aid	Provide funding value for EAP project. In case multiple agencies are funding the project please provide total funding from the agencies
24	PPP/Equity	Capital invested by private player as part of the public- private partnership (PPP) model
25	VGF for PPP Projects / Grant	Viability Gap Funding (VGF) support from Department of Economic Affairs, Ministry of Finance
26	Do you have any other sources of funding?	For providing details of project funding source in addition to above seven source types of Central, State, Debt, Internal Accruals, External Aid, PPP, VGF
27	Year Wise Phasing of Total Capital Outlay (In INR Crores)	Quarterly phasing of planned year-wise expenditure for the project tenure
28	Scheduled Financial Progress	Percentage values of year-wise phasing of Total Capital Outlay
29	Actual financial Progress (In INR Crores)	Absolute values to be entered; annual percentage values will be auto-calculated on a cumulative basis based on the annual value of Total Capital Outlay for that particular year.

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### Annexure-III

Milestones	Schedule Date of Start		Schedule Date of Finish		Cost	
	Original	Revised /Actual	Original	Revised/ Actual	Original	Revised /Actual
Project Planning					Not Required	Not Required
Land Acquisition						
Clearance and Approvals						
Tender Publish					Not Required	Not Required
Tender Award						
Commissioning					Not Required	Not Required

### Milestone module: Pre-construction and construction stage

The above milestones are broader categories representing major activities across complete Project lifecycle at Pre-construction and construction stage.

- **Pre-construction:** From Project Planning till Tender Publish
- construction stage: From Tender Award till commissioning.

Each milestone may have various **sub-categories** varying across Ministries/ Sector. The schedule date of start and schedule date of finish along **each milestone category** to be derived based on *minimum of schedule Date of Start of all sub-categories* and *maximum of schedule Date of Finish of all sub-categories* respectively.

Furthermore, all reporting entities or project proponents must report any revisions to the originally approved time or cost under the Revised Date/Cost, only if duly approved by the competent authority.

\*\*\*\*

# Milestone-based Time overrun and Cost Overrun: Pre-construction and construction stage

**a. Pre-construction stage:** The slippage to be determined at each milestone level, if relevant,

Time overrun at milestone level

• For ongoing projects,

If RDM is not lapsed

ToR<sup>M</sup> = (RDM - SDM)

If RDM is lapsed

ToR<sup>M</sup> = (Current Date - SDM)

• For completed projects,

ToR<sup>M</sup> = (ADM - SDM) and (ADM - RDM)

Cost overrun at milestone level

- For ongoing projects,
   CoR<sup>M</sup> = (RCM SCM)
- For completed projects,

 $CoR^{M}$  = (ACM - SCM) and (ACM - RCM)

**b.** Construction stage (for Ongoing project): MoSPI proposes a change in the methodology for calculating cost and time overruns by using the **revised** time and cost as the main parameters, instead of the anticipated cost used in the existing approach, may be seen at Annexure-IV.

The new approach of calculating Time & Cost Overrun:

### Project Time Overrun For ongoing projects:

**If Revised Project Completion Date is not lapsed,** (Revised Project Completion Date – Original Project Completion Date)

**If lapsed,** (Current Date - Original Project Completion Date) and (Current Date - Revised Project Completion Date)

\*\*\*\*

4 (Infrastructure and Project Monitoring Division) (Ministry of Statistics & Programme Implementation)

**SDM** is the sanctioned end date of a milestone category as approved by the competent authority at the time of sanction

*RDM* is the revised end date of a milestone category as approved by the competent authority

**ADM** is the actual completion date of a milestone category

**SCM** is the sanctioned cost of a milestone category as approved by the competent authority at the time of sanction

**RCM** is the revised cost of a milestone category as approved by the competent authority

ACM is the actual completion cost of a given milestone

### For completed projects:

(Actual Completion Date - Original Project Completion Date) and (Actual Completion Date - Revised Project Completion Date)

### Project Cost Overrun

#### For ongoing projects:

If cumulative expenditure is less than Revised cost, (Revised Cost-Original Cost)

If cumulative expenditure is more than Revised cost, (Cumulative expenditure - Original Cost) and (Cumulative expenditure – Revised Cost)

# For completed projects:

(Project Completion Cost – Original Cost) and (Project Completion Cost – Revised Cost)

\*\*\*\*

As per the existing OCMS portal, the current methodology of calculating key monitoring metrics namely **Cost & Time Overrun** along with involved data points are elaborated as under:

### a. Cost overrun:

- Data points include:
  - Project original cost (OC) as per the sanction order,
  - Revised cost if any (RC) as approved by the competent authority,
  - Anticipated cost (AC) as anticipated by the project proponents and before its approval by the competent authority, and
  - Total expenditure till date (**TE**)
- Cost overrun is calculated with respect to *original cost* and *revised cost*, as below:
  - Cost overrun with respect to original cost = (AC-OC)
  - Cost overrun with respect to latest/revised cost = (AC-RC)

# b. Time overrun:

- Data points include:
  - o Original date of commissioning (ODC) of project as per the sanction order,
  - Revised date of commissioning if any (RDC) as approved by the competent authority,
  - Anticipated date of commissioning if any (**ADC**) as anticipated by the project proponent but before its approval by the competent authority.
- Time overrun is calculated with respect to *Original date of commissioning* and *Revised date of commissioning, as below:* 
  - Time overrun with respect to original schedule= (ADC-ODC)
  - Time overrun with respect to latest/revised schedule= (ADC-RDC)

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