F.No. 12011/08/2023-IPMD (61319)
Government of India/(भारत सरकार)
Ministry of Statistics & Programme Implementation
सांख्यिकी 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and cost overruns (at pre-construction and construction stage) will be used solely for GoI monitoring purposes and will not be published in public domain.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)

Pull Lhaa W2 (Ruchi Sharma) Joint Director/संयुक्त निदेशक

011-23455605

dir-ipmd@mospi.gov.in

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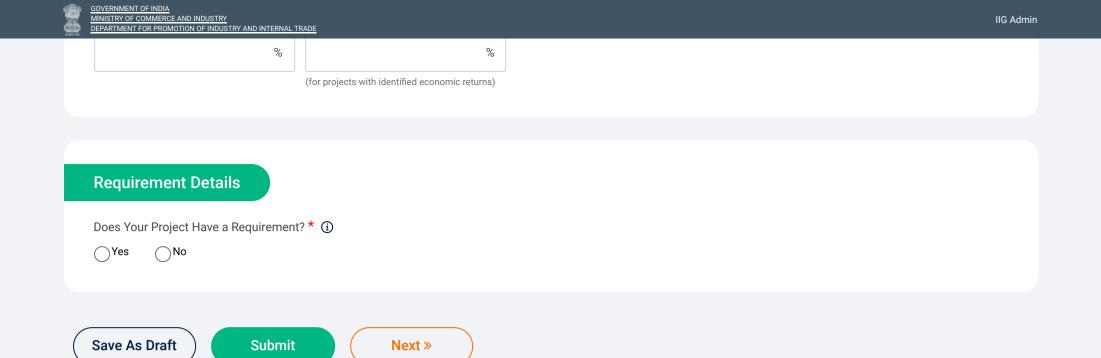
The concerned Line Ministries / Departments/ DPIIT/ DEA (as per list)



Annexure-I

| | 0 | | pportunity | | |
|----------------------------------|----------------------|----------------------------|-----------------------------|------------------|----------------|
| CINFORMATION | | O | | - O | |
| | DETAILED INFORMATION | Y IENDER | DETAILS | PROJECT TIMELINE | CONTACT DETAIL |
| | | | | | |
| Consider | | | | | |
| General Details | | | | | |
| Project Name * | | | | | |
| Enter Project Name | | | | | |
| Sector * | | | Sub Sector * | | |
| -Select- | | ~ | -Select- | | ~ |
| Project Type | | | Project Scheme | | |
| -Select- | | • | | | ~ |
| Do you Have Active Tenders? * ① | | | Project Classification * | | |
| Yes No | | | Brownfield Gre | enfield | |
| PM GatiShakti Project | | | | | |
| ○Yes ○No | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Project Location | | | | | |
| In how Many Location(s) Your Pro | | | | | |
| Single/Multiple Location | Off Shore | | | | |
| | | | | | |
| | | | | | |
| Project Development | | | | | |
| Project Stage * | | | | | |
| Under Conceptualization | Under Development | Under Implementation | Completed | | |
| Mode of Implementation * | | | | | |
| OPPP OEPC OPure F | Private To Be F | inalized | | | |
| Project Status * | | | | | |
| -Select- | ~ | | | | |
| Date of Approval/Sanction Date (|) | Duration as per the Sancti | on Letter (In Months) | | |
| DD/MM/YYYY | ð | | | | |
| Project Start Date * ① | | Project completion date (a | as per sanction letter) * ① | | |
| 01/01/2020 | | 31/10/2026 | ä | | |

Project Viability Information



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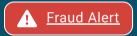
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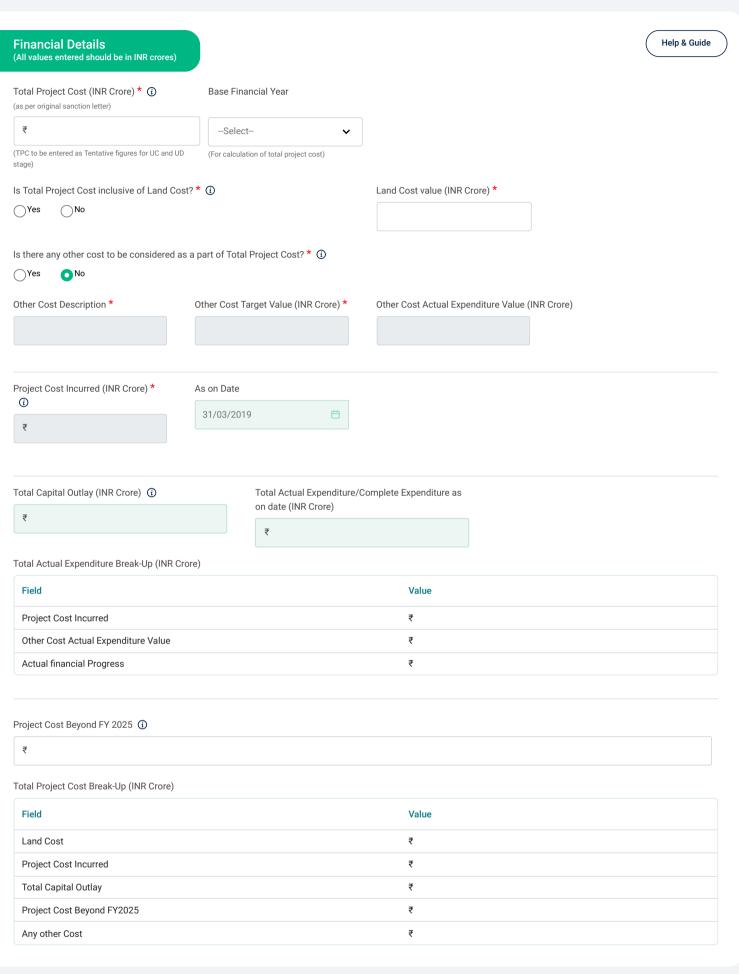
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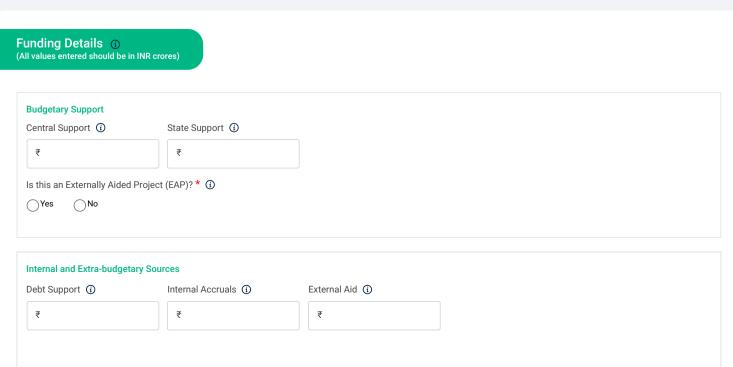


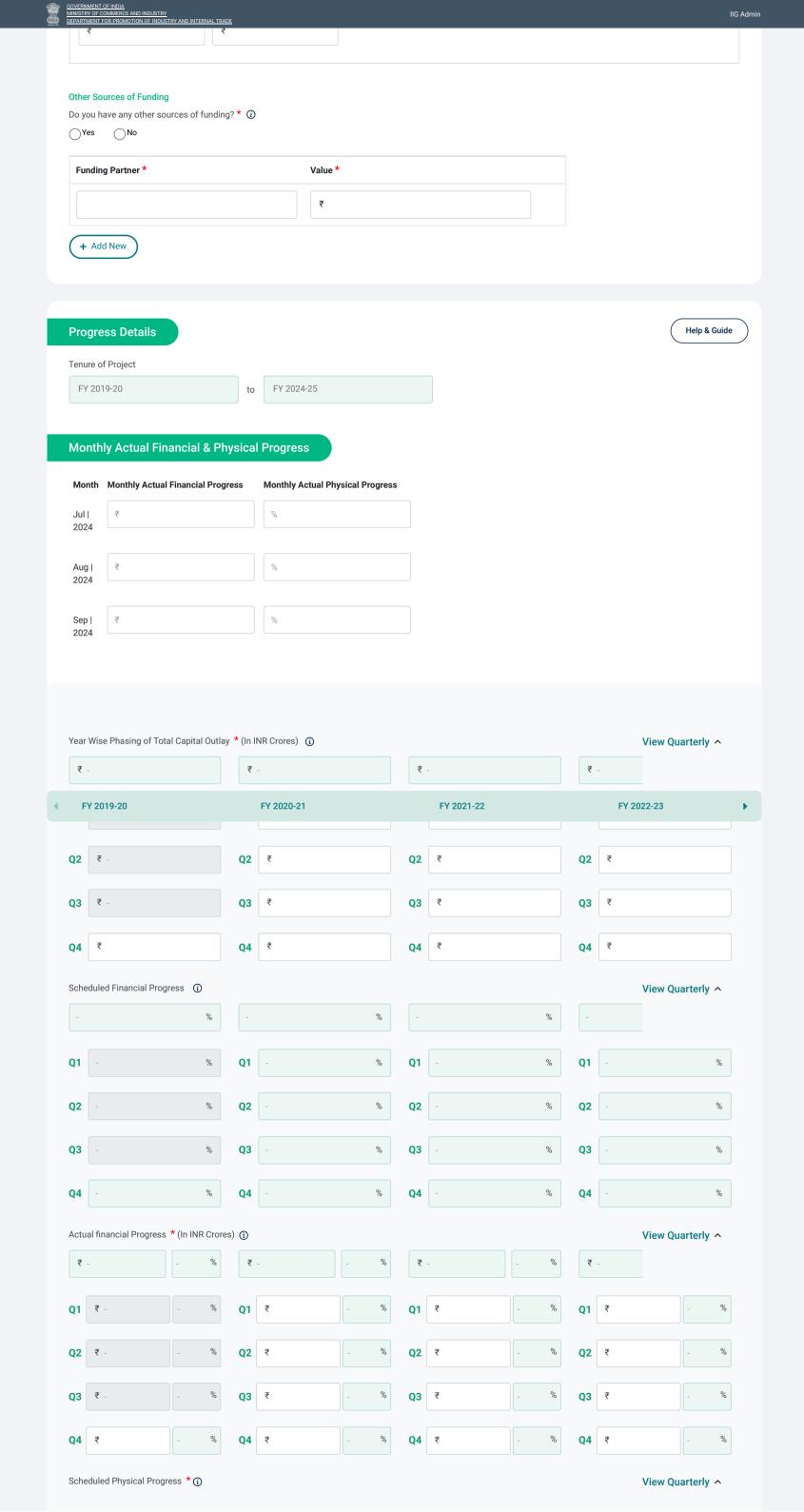


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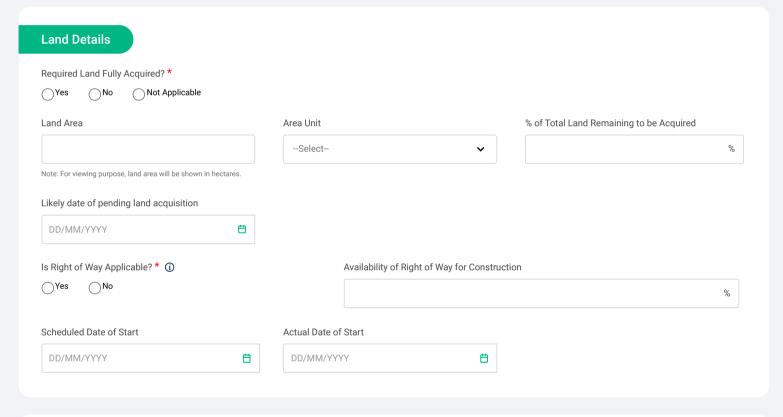


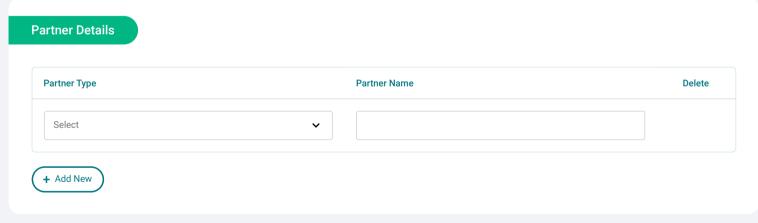


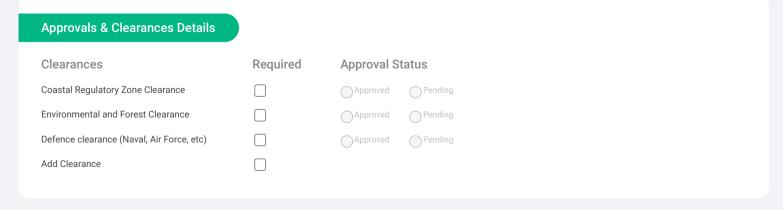




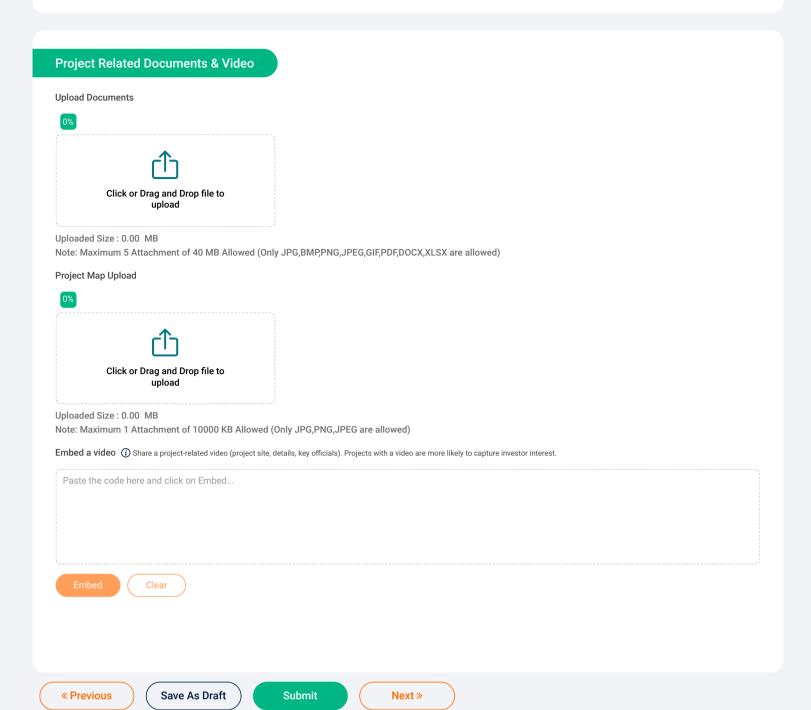








| C | Other Details |
|---|----------------------|
| Р | roject Description * |
| | |
| | |
| | |



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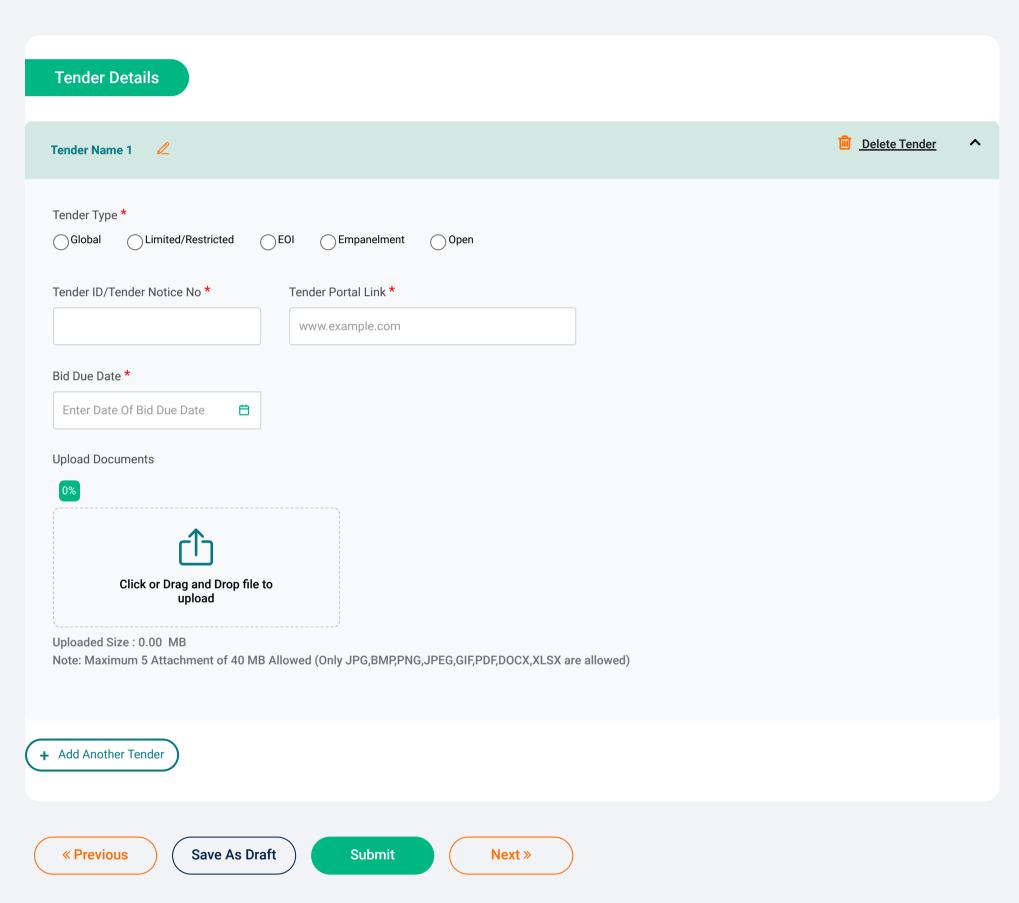






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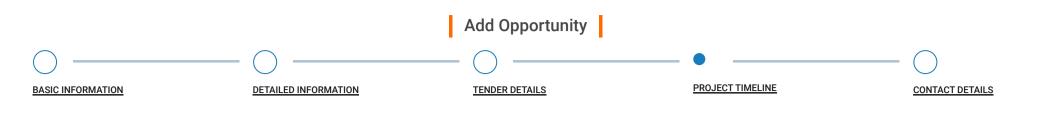
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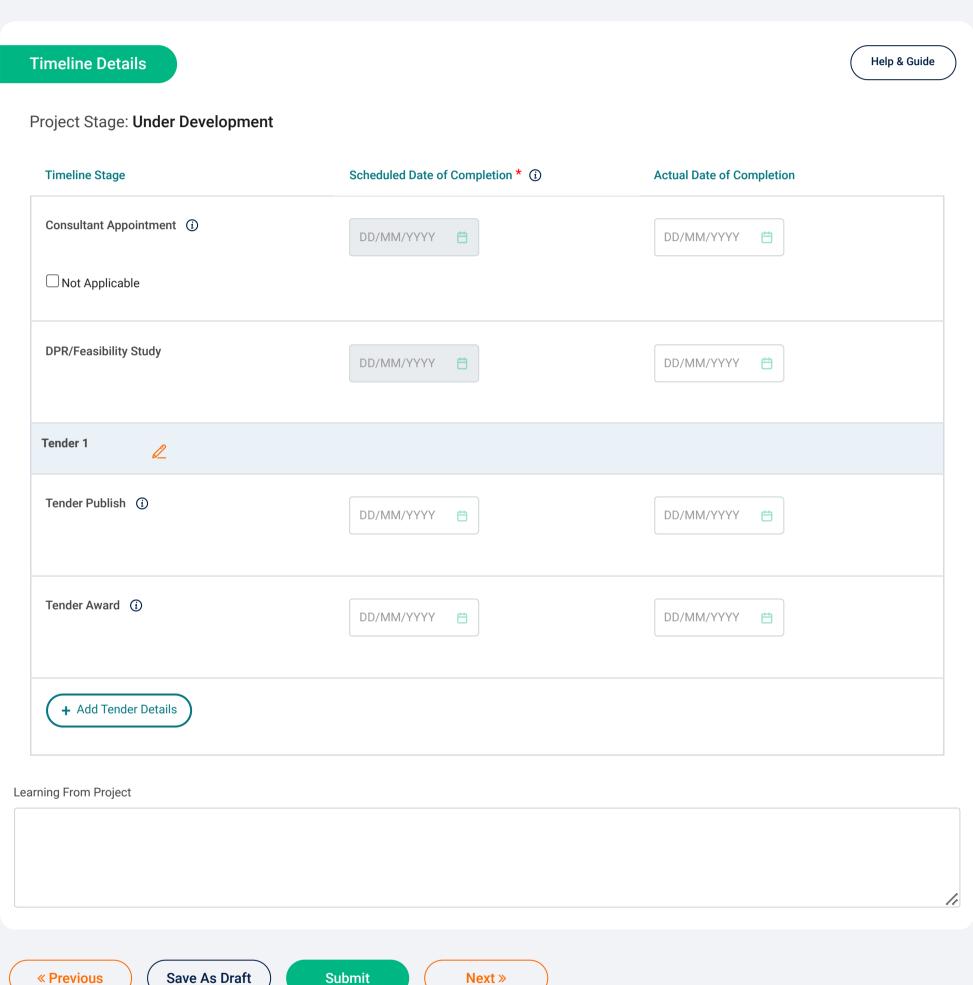
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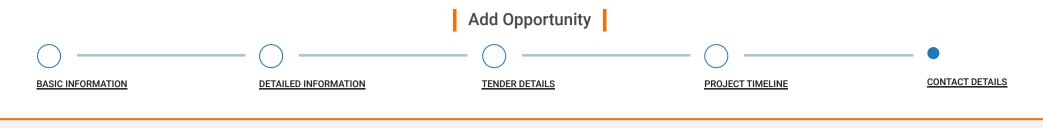
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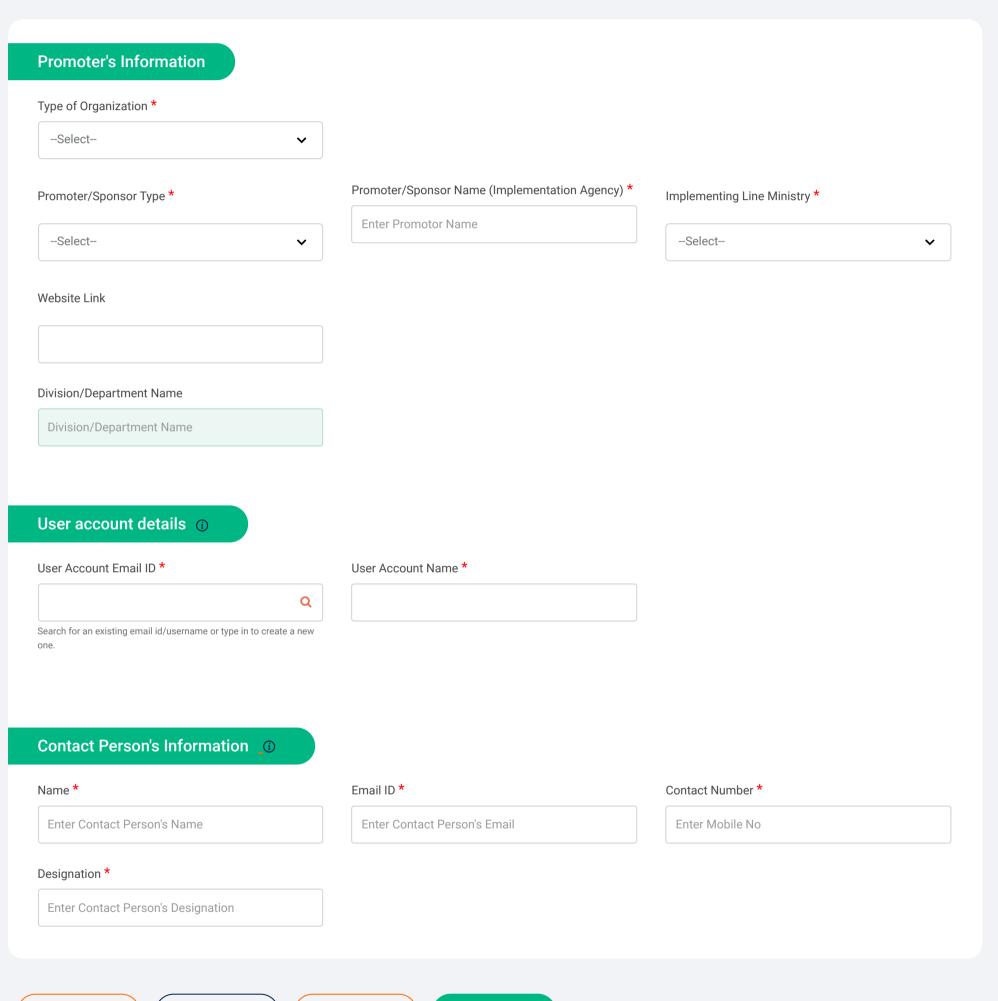
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Help text/ definition of major fields: IIG-PMG-OCMS portal

| S.N. | Field Name | Proposed Definition |
|------|---|---|
| 1 | Do you Have Active Tenders? | Does your project have published tenders which are yet 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 |

| 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. |

Milestone module: Pre-construction and construction stage

| 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 |

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

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

Time overrun at milestone level

For ongoing projects,

If RDM is not lapsed

 $ToR^{M} = (RDM - SDM)$

If RDM is lapsed

ToR^M = (Current Date - SDM)

• For completed projects,

 $ToR^{M} = (ADM - SDM)$ and (ADM - RDM)

Cost overrun at milestone level

• For ongoing projects,

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

• 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)

(Current Date - Revised Project Completion Date)

(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

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:
 - o Project original cost (**OC**) as per the sanction order,
 - o 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)