



PROJECT MANAGEMENT SYSTEM PD MANUAL



VEDANT TECH SOLUTIONS

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TABLE OF CONTENTS

Title	Page No
Step 1 – Project Main	2
Step 2 – Project Master	2
Step 3 - Project Team Creation	4
Step 4 – Update Project Data	4
Step 5 – Milestone Creation	5
Step 6 – Procurement Details	6
Step 7 – Committee Constitution	7
Step 8 – Schedule Meetings	8
Step 9 – Briefing	11
Pre Project-Initiation	14

STEP 1: Project Main

Master ---> Project Main ---> Add ---> Submit.

- Provision to create a project by filling the required details.

The screenshot shows the 'Project Main Add' form in the PMS system. The form is divided into two columns. The left column contains fields for Project Code (PRJ-3), Project Number (07), End User (DRDO), Category (Mission Mode (MM)), Project Director (Mukesh Prasad Sahu, Sr G), Project Sanc Authority (DIR), Project Sanction Date (12-09-2023), Board Of Reference (CCM), PDC (17-09-2026), Nodal & Participating Lab (LRDE), Application (Project PMS), Scope, Objective, and Deliverable. The right column contains fields for Project Name (Project Management System), Project Unit Code (07), Project Short Name (PMS), Security Classification (General), Is Main Work Center (Yes), Project Sanction Letter No (65428), Total Sanction Cost (₹) (6790000000.0), Sanction Cost FE (₹) (1230000000.0), and Sanction Cost RE (₹) (7560000000.0). At the bottom right, there are buttons for SAVE, SUBMIT, and BACK.

STEP 2: Project Master

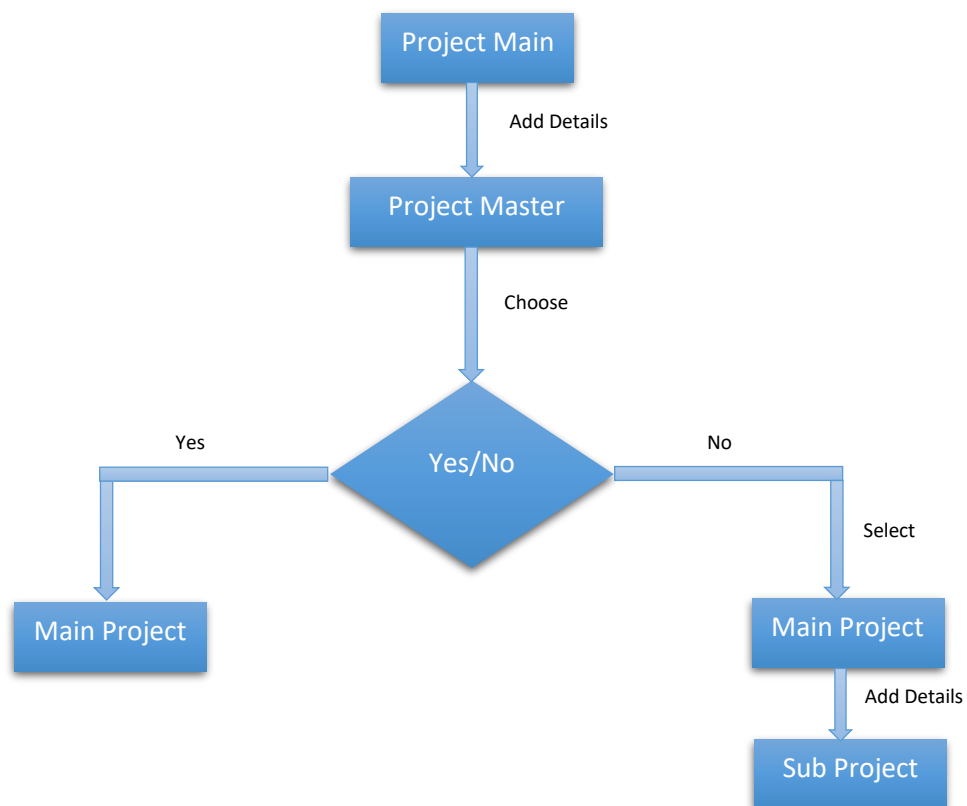
Master ---> Project Master ---> Add ---> Is Main Project ---> Yes --->Project Main ---> Choose Project ---> Submit.

- If it is a main project choose YES and select the specific project.

The screenshot shows the 'Project Add' form in the PMS system. The form is divided into two columns. The left column contains fields for Is Main Project (Yes), Project Main (PRJ-9), and a dropdown menu with options 'Choose...' and 'PRJ-9'. The right column contains a SUBMIT button.

Master ---> Project Master ---> Add ---> Is Main Project ---> No ---> Choose Main Project ---> Add Details ---> Submit.

- If it is not a main project choose NO and select the main project and fill the required details.



STEP 3: Project Team Creation

Master ---> Project Assign.

Provision to assign and revoke members for the project.

Project Assign

Project Code: PRJ-4 (QMS)

List Of User Assigned for PRJ-4

Select	Employee Name	Designation	Division Code
<input type="radio"/>	Vidhya shree S N	Sc G	DV5
<input type="radio"/>	Dr. Gurupadappa Motagi	Sc F	DV1
<input type="radio"/>	Shyalaja Menon R	Sc F	DV2
<input type="radio"/>	Sharmilla Mandre	Sc F	DV3
<input type="radio"/>	Dr Manjunatha Adagi	Sc F	DV3

REVOKE

Select Users for PRJ-4

ASSIGN

Activate Windows
Go to Settings to activate Windows.

STEP 4: Update Project Data

Master ---> Project Data.

- Provision to add relevant attachments/documents to the project.
- Provision to edit and revise relevant attachments/documents to the project.
- Provision to update the stage and procurement limit of the project.

Project Data

Project: PRJ-5 (DMS)

1. System Configuration No file chosen

2. Product Tree No file chosen

3. PEARL/TRL No file chosen

4. System Specification No file chosen

5. Project Stage

6. Procurement Limit

7. Last PMRC Date

8. Last EB Date

Note :

1) Please Upload Files in PDF and Image Files Only
2) Please Upload Images With Aspect Ratio of 1920 X 1080

EDIT REVISE BACK

Activate Windows
Go to Settings to activate Windows.

STEP 5: Milestone Creation

Milestone ---> New ---> Add Activity

- Provision to create milestones for the project up to 5 sublevels.
- Provision to assign weightage to both main milestones and sublevel milestones.
- Provision to assign milestones to the designated OICs for completion.

The screenshot shows the 'Stores Inventory System (PRJ-6) Milestone Activity Add' form. The form is titled 'Stores Inventory System (PRJ-6) Milestone Activity Add'. It contains the following fields:

- Activity Name:** Milestone 5 - Radar System Operationalization
- Activity Type:** Development
- First OIC:** Dr. Mukesh Prasad Sahu, Sc G
- Second OIC:** Vyjayanthi Mala, Sc F
- From:** 01-07-2024
- To:** 01-09-2024

There are 'SUBMIT' and 'BACK' buttons at the bottom of the form. The background of the form is light blue with a dark blue header bar. The header bar contains the text '1st JULY 2024', 'PMS (LRDE) - Dr. Tharun M (PROJECT DIRECTOR)', 'Smart Search', and navigation links: Home, Admin, Master, Approvals, Closure, 1002, Committee, Milestone, Schedules, Action Items, Procurement, Fracas, IRRD, Reports, Document Repository, CARS, Time Sheet.

The screenshot shows the 'Stores Inventory System : MIL-5' form. The form is titled 'Stores Inventory System : MIL-5' and displays a list of activities. The activities are:

- Activity A1:** 20-05-2024 To 24-05-2024
- Activity A2:** 20-05-2024 To 24-05-2024
- Activity B1:** 20-05-2024 To 24-05-2024
- Activity C1:** 20-05-2024 To 24-05-2024
- Activity B2:** 20-05-2024 To 24-05-2024
- Activity B3:** 20-05-2024 To 24-05-2024

Each activity has a 'Type' field (Production) and a 'Weightage' field (50). The 'First OIC' is Mukesh Prasad Sahu and the 'Second OIC' is Vyjayanthi Mala. The form also includes a 'SUBMIT' button, an 'Edit' button, and a 'BACK' button. The background of the form is light blue with a dark blue header bar. The header bar contains the text '1st JULY 2024', 'PMS (LRDE) - Dr. Tharun M (PROJECT DIRECTOR)', 'Smart Search', and navigation links: Home, Admin, Master, Approvals, Closure, 1002, Committee, Milestone, Schedules, Action Items, Procurement, Fracas, IRRD, Reports, Document Repository, CARS, Time Sheet.

1st JULY 2024

PMS (LRDE) - Dr. Tharun M (PROJECT DIRECTOR)

Smart Search

HomeAdminMasterApprovalsClosure1002

CommitteeMilestoneSchedulesAction ItemsProcurementFrakasIRRDReportsDocument RepositoryCARSTime Sheet

Project → Add Milestone → Add SubActivity → SubActivity → Weightage → Assignee

Project Name :PRJ-6 (SIS)

Stores Inventory System (PRJ-6) Milestone List

ADD ACTIVITY

Expand	Mil-No	Milestone Activity	Start Date	End Date	First OIC	Weightage	Progress	Action
<div>+</div>	Mil-1	Milestone-01 : System Architecture Definition	22-04-2024	06-05-2024	Rupa Shree V	25	<div>100</div>	<div><div></div><div></div><div></div></div>
<div>+</div>	Mil-2	Milestone-02 : Hardware Development	22-04-2024	22-05-2024	Rajagopal Naidu	25	<div>100</div>	<div><div></div><div></div><div></div></div>
<div>+</div>	Mil-3	Milestone-03 : Software Development	22-04-2024	22-05-2024	Vyjayanthi Mala	25	<div>100</div>	<div><div></div><div></div><div></div></div>
<div>+</div>	Mil-4	Milestone-04 : Testing and Validation	22-04-2024	22-05-2024	Rupa Shree V	15	<div>100</div>	<div><div></div><div></div><div></div></div>
<div>-</div>	Mil-5	Milestone-05 : Radar System Operationalization	20-05-2024	20-06-2024	Dr. Mukesh Prasad Sahu	10	<div>25</div>	<div><div></div><div></div><div></div></div>
Sub	Activity	Start Date	End Date	Date Of Completion	Sub Weightage	Sub Progress	Shown in display of Briefing Paper and MOM	
A-1	Completion of Production-Ready Radar System	20-05-2024	24-05-2024	On Going	50	<div>50</div>	5	<div><div></div><div></div><div></div></div>
B-1	Finalize hardware and software configurations	20-05-2024	24-05-2024	20-05-2024	50	<div>100</div>	5	<div><div></div><div></div><div></div></div>
B-2	Conduct comprehensive system testing and validation	20-05-2024	24-05-2024	Activity Assigned	50	<div>Not Started</div>	5	<div><div></div><div></div><div></div></div>
A-2	Successful Installation and Integration	20-05-2024	24-05-2024	Not Yet Started	50	<div>Not Started</div>	5	<div><div></div><div></div><div></div></div>
B-1	Develop Installation plans and procedures	20-05-2024	24-05-2024	Activity Assigned	50	<div>Not Started</div>	5	<div><div></div><div></div><div></div></div>
B-2	Deploy radar units to designated locations	20-05-2024	24-05-2024	Activity Assigned	50	<div>Not Started</div>	5	<div><div></div><div></div><div></div></div>

Activate Windows

Go to Settings to activate Windows.

STEP 6: Procurement Details

Procurement ---> Procurement Status ---> Manual Demand

- Provision to add and edit manual demand.
- Provision to update the status of the demand.
- Provision to view order details when the demand is in the order placement stage.

1st JULY 2024		PMS (LRDE) - Dr. Tharun M (PROJECT DIRECTOR)		Smart Search	Home	Admin	Master	Approvals	Closure	1002
Committee	Milestone	Schedules	Action Items	Procurement	Frakas	IRRD	Reports	Document Repository	CARS	Time Sheet

ADD DEMAND DETAILS

Project *

PRJ-1 (PMS)

Demand No. *

DMD-11

Demand Number is valid

Demand Date *

01-07-2024

Estimated Cost (₹) *

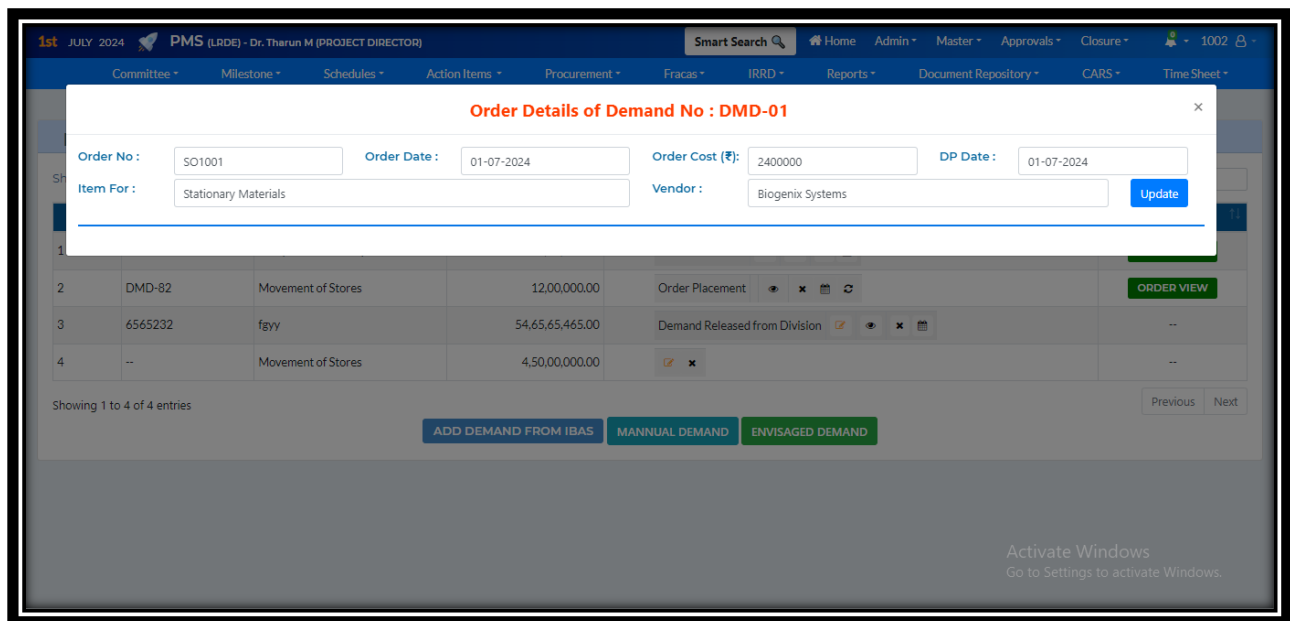
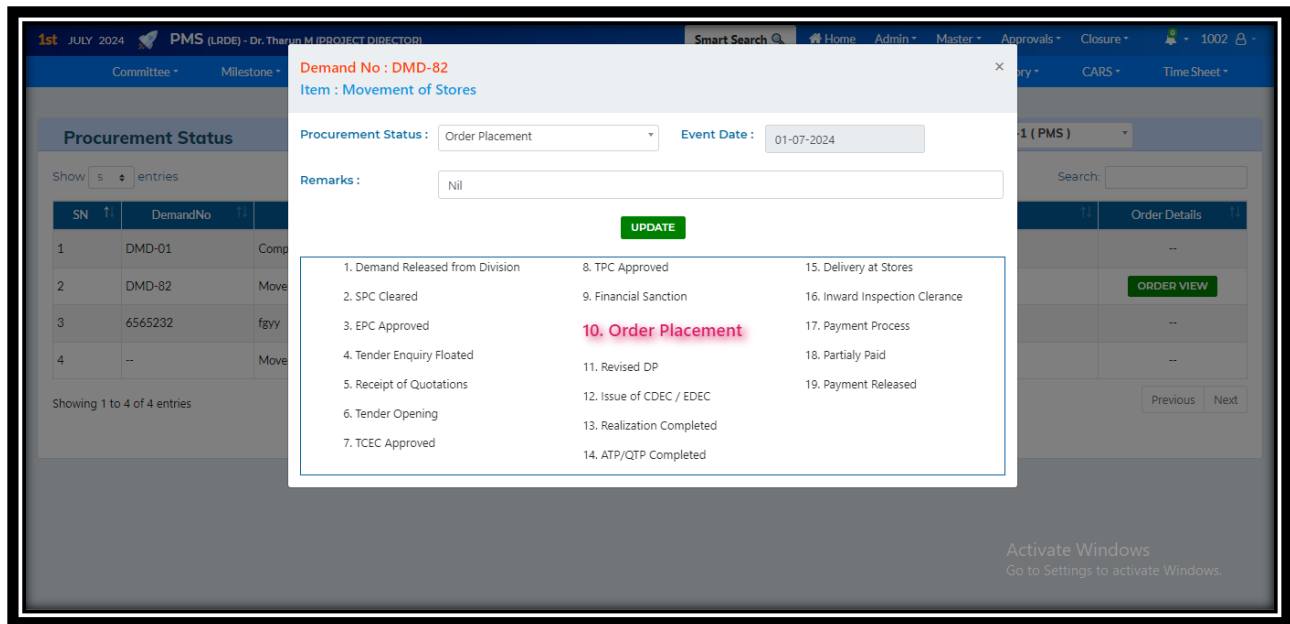
45000000

Item Name *

Printers

SUBMIT

BACK



STEP 7: Committee Constitution

Committee ---> Project ---> Constitute

- Provision to constitute members for project committees.
- If the committee is not pre-approved, it needs to get approved from respective authorities.
- Provision to generate and print the committee formation letter.
- Provision to send email notifications regarding the formation of the committee.

1st JULY 2024 PMS (LRDE) - Veena MKS (PROJECT DIRECTOR) Smart Search Home Admin Master Approvals Closure 1001

Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

Project : PRJ-7 (EMS) MEETING SCHEDULE

List of Project Committees

All	Committee Name	Duration
<input type="checkbox"/>	Apex Board(APEX)	90 days

ADD

Committees Added for PRJ-7

All	Committee Name	Periodic Duration	Scheduled	Constitute	Upload
<input type="checkbox"/>	Project Meeting Review Committee (PMRC)	90 days	<input checked="" type="checkbox"/>	Constitute	
<input type="checkbox"/>	Executive Board (EB)	180 days	<input checked="" type="checkbox"/>	Constitute	
<input type="checkbox"/>	Periodic Review Committee (PRC)	15 days	<input checked="" type="checkbox"/>	Constitute	

Remove

Activate Windows
Go to Settings to activate Windows.

1st JULY 2024 PMS (LRDE) - Veena MKS (PROJECT DIRECTOR) Smart Search Home Admin Master Approvals Closure 1001

Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

Constitute Committee

Committee*

PRC (Periodic Review Committee)

Project*

Employee Management System (PRJ-7)

Lab*

LRDE

Chairperson*

Dr. Shourya Deepak(Sc G)

Lab*

LRDE

Member Secretary*

Shylaja Menon R(Sc F)

Co-Chairperson

Dr. Gurupadappa Motagi (Sc F)

Proxy Member Secretary

Dr. Asha M N (Sc F)

Formation Date

01-07-2024

Representatives

☒ MMG Rep ☒ Finance Rep

Is Pre-Approved*

Yes

Reference No.

REF_17

SUBMIT BACK

Activate Windows
Go to Settings to activate Windows.

STEP 8: Schedule Meetings

Schedule ---> Project ---> Add Schedule

- Provision to schedule all meetings for projects.
- Provision to record meeting minutes and assign action items.
- Provision to download the minutes of meetings(MOM) and tabular minutes after approval.

1st JULY 2024
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Smart Search
Home Admin Master Approvals Closure 1002

Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

Project: PRJ-2 (IBAS) Committee: EB Date : 01-07-2024 Time : 14:46 ADD SCHEDULE

< 2024 >

January
February
March
April
May
June
July
August
September
October
November
December

JULY 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JULY 1, 2024

No event for today :)

Earlier Meetings

EB Date: 18-04-2024

EB Date: 17-04-2024

Activate Windows
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Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

Project Meeting Review Committee (Meeting Date and Time : 01-07-2024 - 19:29:00) (Meeting Id : LRDE/PRJ-11/PMRC/01JUL2024/1) VIEW

Agenda Item	Reference	Remarks	Lab	Presenter	Duration	Attach File	Duration in Minutes
Project Objectives disc	Samvedna Development Society (PR...	Mandatory	LRDE	Dr. Gurupadappa Motagi(Sc F)	10	+	-

SUBMIT RESET Copy Agenda from old Meetings

Activate Windows
Go to Settings to activate Windows.

9

1st JULY 2024
PMS (LRDE) - Veena MKS (PROJECT DIRECTOR)
Smart Search
Home Admin Master Approvals Closure 1001
Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

PMRC Invitations

(Meeting Id : LRDE/PRJ-1/PMRC/01JUL2024/7) - (Meeting Date & Time : 01-07-2024 && 19:18:00)

Chairperson
Ms. Veena MKS (Sc D)(LRDE)

Member Secretary
Lokanath Sahu (Sc F)(LRDE)

Co-Chairperson
Dr. Tharun M (Sc G)(LRDE)

Internal Members

- 1) Radhika Menon (Sc E)(LRDE)
- 2) Vibha Roopini (Sc D)(LRDE)
- 3) Sathya Sheelan (TO D)(LRDE)
- 4) Prutha Raj (TO C)(LRDE)

External Members (Within DRDO)

- 1) Vinutha C Kadamba (SO)(CABS)
- 2) Pramod Kumar D (Sc E)(DEAL)
- 3) Dananjay (Sc E)(DEAL)

External Member (Outside DRDO)

- 1) Ariana Grande (Assistant Director (OL)) (@EXP)
- 2) Lava Patel (IFA) (@EXP)

Industry Partner

Agenda Presenters

Agenda Item	Presenter
1) Project Objectives discussion	Gopala Krishna (Sc F) (LRDE)

SUBMIT BACK

Activate Windows
Go to Settings to activate Windows.

1st JULY 2024
PMS (LRDE) - Veena MKS (PROJECT DIRECTOR)
Smart Search
Home Admin Master Approvals Closure 1001
Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CARS Time Sheet

PMRC Meeting (Project : PRJ-1)

SCHEDULE LIST

Schedule (Meeting Id : LRDE/PRJ-1/PMRC/01JUL2024/7)

Meeting Date : 01-07-2024 Meeting Time : 19:18

Venue : Director Hall Category : Confidential

Decisions/Recommendations sought from Meeting :

The rocket differs from the turbojet and other Dair-breathing engines in that all of the exhaust jet The fundamental physical principle involved in rocket propulsion was formulated by Sir Isaac Newton. According to his third law of motion, the rocket experiences an increase in momentum proportional to the momentum carried away in the exhaust, where M is the rocket mass,

Reference : Reference for this Meeting

Agenda

SN	Agenda Item	Reference	Remarks	Presenter	Duration (Mins)	Attachment
1	Project Objectives discussion	Project Management System	Mandatory	Gopala Krishna(Sc F)	10	

Operations

AGENDA APPROVED PARTICIPANTS Enter OTP : VALIDATE Record OTP

Activate Windows
Go to Settings to activate Windows.

PRJ-1
(PDC:19-10-2027)
PDC:01-06-2026)

1. Project Attributes

PMRC #5

Project : PRJ-1

(a)	Project Title	Project Management System		PDC -(19-10-2027)
(b)	Project Code	PRJ-1		
(c)	Category	Mission Mode (MM)		
(d)	Date of Sanction	19-10-2022		
(e)	Nodal and Participating Labs	LRDE		
(f)	Objective	Project PMS		
(g)	Deliverables	Project PMS		
(h)	PDC	19-10-2027		
(i)	Cost Breakup(In ₹ Lakhs)	RE Cost	70000.00	
		FE Cost	20000.00	
		Total Cost	90000.00	
(j)	No. of EBs and PMRCs held	EB :1		PMRC : 4
(k)	Current Stage of Project	System Testing		

Project : PRJ-11(SUB)

(a)	Project Title	Samvedna Development Society		PDC -(01-06-2026)
-----	---------------	------------------------------	--	-------------------

localhost:8086/pfms-dg/BriefingPresentation.htm#presentation-slides

4(b)
4 (c)
5
6(a)
6(b)
6 (c)
7(a)
7(b)
8
9
10
11
12
13 (a)
13 (b)
13 (c)
End

PRJ-1
(PDC:19-10-2027)
PDC:01-06-2026)

4 (c) Details of Technical/ User Reviews

PMRC #5

Project : PRJ-1

Committee	Date Held
EB #1	18-04-2024

Committee	Date Held
PMRC #1	17-04-2024
PMRC #2	18-04-2024
PMRC #3	18-04-2024
PMRC #4	23-04-2024


Project : PRJ-11 (SUB)

Committee	Date Held
EB #1	18-04-2024

Committee	Date Held
PMRC #1	17-04-2024
PMRC #2	18-04-2024
PMRC #3	18-04-2024
PMRC #4	23-04-2024

localhost:8086/pfms-dg/BriefingPresentation.htm#presentation-slides

1
2 (a)
2 (b)
3
4(a)
4(b)
4 (c)
5
6(a)
6(b)
6 (c)
7(a)
7(b)
8
9
10
11
12
13 (a)
13 (b)
13 (c)
End




PRJ-1

(PDC-19-10-2027)(

PDC-01-06-2026)

7 (b) Procurement Status

PMRC #5



Project : PRJ-1

(In ₹ Lakhs)

Procurement Status																								
SN	Item Name	Est/SO Cost (In ₹ Lakhs)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	PDC	Available for Integration
1	Computer Parts	5455.65		*																			-	-
2	Computer Stationary	24.00											*										-	-
3	Movement of Stores	12.00											*										-	-
4	Movement of Stores	450.00		*																			-	-

0	Demand to be Initiated	5	Receipt of Quotations								10	Order Placement								15	Delivery at Stores							
1	Demand Released from Division	6	Tender Opening								11	Revised DP								16	Inward Inspection Clearance							
2	SPC Cleared	7	TCEC Approved								12	Realization in progress								17	Payment Process							
3	EPC Approved	8	TPC Approved								13	Realization Completed								18	Partially Paid							
4	Tender Enquiry Floated	9	Financial Sanction								14	ATP/QTP Completed								19	Payment Released							

Project : PRJ-11 (SUB)

(In ₹ Lakhs)

Procurement Status																								
SN	Item Name	Est/SO Cost (In ₹ Lakhs)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	PDC	Available for Integration
1	Movement of Stores	450.00		*																			-	-

0	Demand to be Initiated	5	Receipt of Quotations								10	Order Placement								15	Delivery at Stores							
1	Demand Released from Division	6	Tender Opening								11	Revised DP								16	Inward Inspection Clearance							

1

2 (a)

2 (b)

3

4(a)

4(b)

4 (c)

5

6(a)

6(b)

6 (c)

7(a)

7(b)

8

9

10

11

12

13 (a)

13 (b)

13 (c)

End

Activate Windows

Go to Settings to activate Windows.

Pre-Project Initiation

Road Map ---> Initiate ---> Project ---> Main ---> Add Details

- Provision to create a pre-project by filling the required details.
- If it is a main pre-project choose Main and add the required details.

6th SEPTEMBER 2024 PMS (LRDC) - Dr. Mukesh Prasad Sahu (ADMIN)

Search Home Road Map Admin Master Approvals Closure admin

CCM Committee Milestone Schedules Action Items Procurement Fracas IRRD Reports Document Repository CAPS Time Sheet

Project *
Main

SECTION I: PROJECT INITIATION

Project/Programme * Category * Security Classification * Nodal Lab *

Choose... Choose... Choose... Choose...

Short Name * Project Title * Is Planned * Deliverable

Choose... Choose... Choose... max 255 characters

PDD * Indicative Duration(Months) Indicative Cost(Rs) * P&C DO Remarks *

Choose... Choose... Choose... Choose...

Probable Start Date *

06-09-2024

SUBMIT BACK

Road Map ---> Initiate ---> Project ---> Sub ---> Select Main Project ---> Add Details

- If it is a sub pre-project choose Sub and select the main pre-project and add the required details.

The screenshot displays the 'SECTION I: PROJECT INITIATION' form within the PMS (LRDE) - Dr. Mukesh Prasad Sahu (ADMIN) application. The form is titled 'Project *' and 'Pre-Project *'. The 'Project' dropdown is set to 'Sub' and the 'Pre-Project' dropdown is set to 'Missile Development'. The form includes several input fields and dropdowns for project details:

- Project/Programme ***: Project
- Category ***: Restricted
- Security Classification ***: Mission Mode (MM)
- Nodal Lab ***: LRDE
- Short Name ***: [Empty]
- Project Title ***: [Empty]
- Is Planned ***: Choose...
- Deliverable**: max 255 characters
- PDD ***: Choose...
- Indicative Duration(Months)**: [Empty]
- Indicative Cost(Rs) ***: [Empty]
- P&C DO Remarks ***: [Empty]
- Probable Start Date ***: 06-09-2024

At the bottom of the form, there are two buttons: 'SUBMIT' and 'BACK'.

Pre-Project Details Add

Road Map ---> Initiation List---> Details

The screenshot displays the 'Initiation List' page within the PMS (LRDE) - Dr. Mukesh Prasad Sahu (ADMIN) application. The page shows a list of four pre-projects, each with a card containing details:

- Radar Development** (MAIN): MM, 9500000000.00 lakhs, code: RDR, security classification: Confidential, duration: 31 months.
- Missile Development** (MAIN): MM, 5800000000.00 lakhs, code: MIS, security classification: Restricted, duration: 22 months.
- Aero Space Craft Development** (MAIN): IF, 6800000000.00 lakhs, code: ASC, security classification: Secret, duration: 26 months.
- Surface to Air Missile Development** (MAIN): MM, 0.00 lakhs, code: SAM, security classification: Restricted, duration: 0 months.

Each card includes a 'Details' button and a 'Search' button. At the bottom of the page, there are navigation buttons: 'prev', '1', and 'next'.

6th SEPTEMBER 2024
PMS (LRID) - Dr. Mukesh Prasad Sahu (ADMIN)
Search
Home
Road Map
Admin
Master
Approvals
Closure
admin
CCM
Committee
Milestone
Schedules
Action Items
Procurement
Fracas
IRRD
Reports
Document Repository
CARS
Time Sheet

Initiation Details (Project Title : Radar Development (RDR))
BACK

INITIATION
REFERENCE
DETAILS
COST
SCHEDULE
ATTACHMENT

Project/Programme	Category	Security Classification	Planned
Project	Mission Mode (MM)	Confidential	Plan
Short Name	Title		
RDR	Radar Development		
Deliverable	Fe Cost	Re Cost	Duration (Months)
Others	₹ 0.00	₹ 95,000.00 Lakhs	31
PDD	Indicative Duration (Months)	Indicative Cost (₹.)	P&C Remarks
Varil Mukhargee	31	95,000.00 Lakhs	Radar Development

EDIT
Print Executive Summary
Print Project Proposal
SOC

BACK
Next

6th SEPTEMBER 2024
PMS (LRID) - Dr. Mukesh Prasad Sahu (ADMIN)
Search
Home
Road Map
Admin
Master
Approvals
Closure
admin
CCM
Committee
Milestone
Schedules
Action Items
Procurement
Fracas
IRRD
Reports
Document Repository
CARS
Time Sheet

Initiation Details (Project Title : Radar Development (RDR))
BACK

INITIATION
REFERENCE
DETAILS
COST
SCHEDULE
ATTACHMENT

Need of Project
Requirement
World Scenario
Objective
Scope
Multi Lab Work Share
Earlier Work
Competency
Technology Challenges
Risk Mitigation
Proposal
Realization Plan

Need of Project

Brief

Radars serve as the eyes and ears of modern defense systems, providing crucial situational awareness, early warning capabilities, and target tracking in various operational environments.

Detailed

A radar development project is essential to address several critical objectives. Firstly, it aims to improve the performance and reliability of radar systems, enabling them to detect and track emerging threats with greater accuracy and efficiency. By leveraging advancements in signal processing, antenna design, and electronic warfare capabilities, these projects seek to overcome the challenges posed by stealthy targets, cluttered environments, and electronic countermeasures.

Furthermore, radar development projects are crucial for staying ahead of evolving threats, including hypersonic missiles, unmanned aerial vehicles (UAVs), and stealth aircraft. By investing in research and development initiatives, defense organizations can explore novel radar technologies such as active electronically scanned arrays (AESAs), frequency-agile radars, and distributed aperture systems, which offer enhanced detection capabilities and improved resilience against electronic jamming and spoofing tactics.

Moreover, radar development projects contribute to fostering innovation, collaboration, and industry partnerships within the defense sector. By engaging with academia, research institutions, and private industry, defense organizations can leverage a diverse range of expertise and resources to accelerate the pace of technological advancement and overcome technical challenges.

Previous
Next

6th SEPTEMBER 2024
PMS (LRID) - Dr. Mukesh Prasad Sahu (ADMIN)
Search
Home
Road Map
Admin
Master
Approvals
Closure
admin
CCM
Committee
Milestone
Schedules
Action Items
Procurement
Fracas
IRRD
Reports
Document Repository
CARS
Time Sheet

Initiation Details (Project Title : Radar Development (RDR))
BACK

INITIATION
REFERENCE
DETAILS
COST
SCHEDULE
ATTACHMENT

Item	Item Detail	Cost (In Lakhs)	Procurement Plan
Capital			
Works (RE) (4076-111-0)	High Power Transmitters, Digital - Signal & Data Processors, Operator Consoles and Mechanical hardware of Radar Sub-systems.	₹ 95,000.00	VIEW
	Capital Cost	₹ 95,000.00	
	Total Cost	₹ 95,000.00 Lakhs	

EDIT

Previous
Next

6th SEPTEMBER, 2024
PMS (LRDE) - Dr. Mukesh Prasad Sahu (ADMIN)

Search

Home

Road Map

Admin

Master

Approvals

Closure

admin

CCM

Committee

Milestone

Schedules

Action Items

Procurement

Fracas

IRRD

Reports

Document Repository

CARS

Time Sheet

Initiation Details (Project Title : Radar Development (RDR))

BACK

INITIATION

REFERENCE

DETAILS

COST

SCHEDULE

ATTACHMENT

Milestone No	Milestone Activity	Milestone Month	Remarks
1	Milestone 1	T ₀ +2	Remarks Given

EDIT

Previous

Next

Pre-Project Flow

