

## **Annual Demand**

### **a) Quantification:**

**Path: Services-> Annual Demand -> Quantification**

#### **Process Overview**

Quantification process is undertaken on an annual basis at central level, with consideration to numerous parameters (drug availability, requirement, patient enrolment plan, regimen & its implementation, lab scale up plans and their socio-economic factors). The estimation is further analyzed to arrive at final outcome i.e. requirement of drugs, considering stock availability at CMSS/GMSD /State level and also cater the stocks which are in pipeline or under procurement process

The quantification tool is available on Nikshay Aushadhi portal, which is can only be accessed by Central TB Division. The purpose of this process is to generate/suggest the Annual Demand by using the different attributes like opening stock, received, consumption, issued and closing stock. The Annual Demand is created for a specified drug category and drug name for all the states as per the consumption and fund availability (DBS, Global Fund and World Bank) in a Financial Year. It will be executed/ done by CTD or Head Quarter only.

An example of the quantification tool on Nikshay Aushadhi is illustrated below:-

#### **Prerequisites**

1. In Store Name combo Store Name must be mapped with the application.
2. In TB Category combo all category name must be mapped in the application.
3. All drug names need to be mapped with TB Category.

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Central Tuberculosis Division

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Task List Home Menu Quantification

Quantification View

\*Demand Period: 2019 - 2020 Req. Date: 06-Jun-2019

\*Store Name: CTD \*TB Category: First Line Drug

Go

\*Mandatory Field(s)

Clear

4. Click on Go Button.



5. User selects the item/drug for which demand needs to be made.

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Task List Home Menu Quantification

Quantification View

\*Demand Period: 2018 - 2019 Req. Date: 06-Jun-2019

\*Store Name: CTD \*TB Category: First Line Drug

Finalized Request No. 108419020002 Request Status: Finalized

New Item Detail(s)

\*Drug Name: Ethambutol 100mg [PC48] Unit Name Tab

State Name	State Drug Store (SDS)	SDS Own Stock (A)	SDS Sub-Store Stock (B)	SDS Total Stock (C=A+B)	Monthly Consumption (D)	Suggested Qty (E=D*(F+S)/C)	Remaining Months in Current FY (F): 0	Buffer Stock in months (S): 0	DBS	Global Fund	USAID	World Bank
Andhra Pradesh	SDS Andhra Pradesh	610080	215756	833836	741	0						
Andaman And Nicobar Islands	SDS Andaman And Nicobar Islands	3840	2880	6820	0	0						
Arunachal Pradesh	SDS Arunachal Pradesh	3840	18094	21934	0	0						
Assam	SDS Assam	683100	1240	684340	0	0						
Bihar	SDS Bihar	1077800	589540	1667340	1182	0						
Chandigarh	SDS Chandigarh	40398	12398	52796	942	0						
Chhattisgarh	SDS Chhattisgarh	458570	204370	662940	178	0						
Dadra And Nagar Haveli	SDS Dadra And Nagar Haveli	12100	300	12400	0	0						
Daman And Diu	SDS Daman And Diu	4100	3600	7700	51	0						
Delhi	SDS Delhi	431479	451404	882883	700	0						
Goa	SDS Goa	205000	12084	217084	28	0						

Reviewed By Approved By Reviewed Date Approved Date

Remarks

\*Mandatory Field(s)

Draft Save Final Save Clear

### Demand Generation Desk

6. After filling the demand for the selected item, the user needs to go for “**Draft Save**”.

User can Add more items or modify the demand if it is in ‘**Draft Save**’ mode, its request status is “**Draft**”.

## User Manual of DVDMS:TB



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Task List Home Menu Quantification x

Quantification View

\*Demand Period: 2018 - 2019 Req. Date: 06-Jun-2019

\*Store Name: CTD \*TB Category: First Line Drug

Request No. 108419060001 Request Status Draft

Action	Item Code	Item Name	Unit	Unit Price	Total Qty.	DBS	Global Fund	USAID	World Bank
 	PC48	Ethambutol 100mg [PC48]	Tab	0.00	1000	1000	0	0	0

New Item Detail(s)

\*Drug Name: Select Value Unit Name Remaining Months in Current FY (F): Buffer Stock in months (S):

Reviewed By Approved By Reviewed Date Approved Date

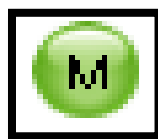
Remarks

Mandatory Field(s)

Draft Save Final Save Clear

**Request Status: Draft**

7. To modify the demand in the Draft mode, click on “M” button, after doing the necessary modification click on “Draft Save” button.



8. Similarly, click on “V” button to view the existing data on the screen.



9. Click on the “Final Save” button after finalizing the demand. Once final saved the demand cannot be modified.

## User Manual of DVDMS:TB



Task List Home Menu Quantification x

Quantification View

\*Financial Year: 2017 - 2018 \*Store Name: CTD

\*TB Category: Second Line Drug

Request Detail

#	Request No.	Request Date	Status
<input type="radio"/>	108417050047	29-May-2017	Finalized
<input type="radio"/>	108417050050	29-May-2017	Finalized
<input type="radio"/>	108417060005	12-Jun-2017	Finalized
<input checked="" type="radio"/>	108417060007	22-Jun-2017	Finalized

Request No. 108417060007 Request Status Finalized

Added Item Detail(s)

Action	Item Code	Item Name	Unit	Unit Price	Total Qty.	DBS	Global Fund	World Bank
	PC41	Clotazimine 200mg (PC41)	Cap	0.00	300	100	100	100

\*Mandatory Field(s)

Clear Back

**Request Status: Finalized**

b) **Approval desk:**

Path: Services-> Annual Demand ->Approval Desk

**Process Overview**

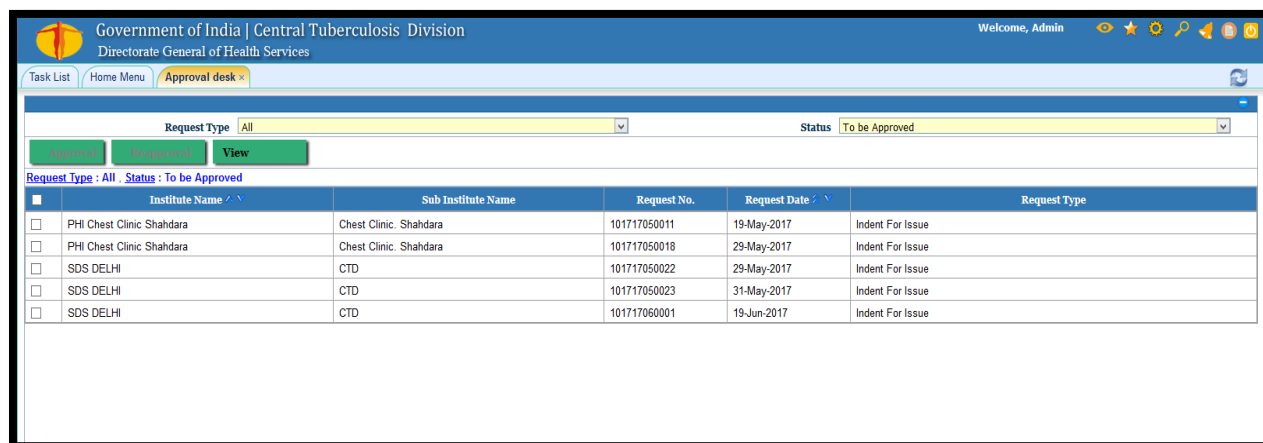
In Approval Desk, the concerned authorized officer can modify/reject/approve the desired quantification requested by the states.

**Prerequisites**

1. Generated Request Type Should display on Approval desk to approve request.
2. Select Request No. and click on Approval button.

**User Manual of DVDMS:TB**





Institute Name	Sub Institute Name	Request No.	Request Date	Request Type
PHI Chest Clinic Shahdara	Chest Clinic, Shahdara	101717050011	19-May-2017	Indent For Issue
PHI Chest Clinic Shahdara	Chest Clinic, Shahdara	101717050018	29-May-2017	Indent For Issue
SDS DELHI	CTD	101717050022	29-May-2017	Indent For Issue
SDS DELHI	CTD	101717050023	31-May-2017	Indent For Issue
SDS DELHI	CTD	101717060001	19-Jun-2017	Indent For Issue

### Approval Desk

3. Approver can modify and add new drugs in the demanded quantity.

#### c) Purchase Request Generation:

**Path: Services→ Annual Demand→ Purchase Request Generation.**

#### Process Overview:

On the receipt of approval from competent Authority, Programme raises indent for the procurement of computed quantity of drugs to CMSS/GDF as the case may be. Indent Submission through Nikshay Aushadhi.

In Purchase Request generation desk, the CTD officials distribute the desired quantities w.r.t. the State Warehouse as well as the Agency Warehouse by using the schedule wise delivery. It will be raised with the help of Store name and the requested purchasing agency i.e. CMSS, RITES, Global drug Facility.

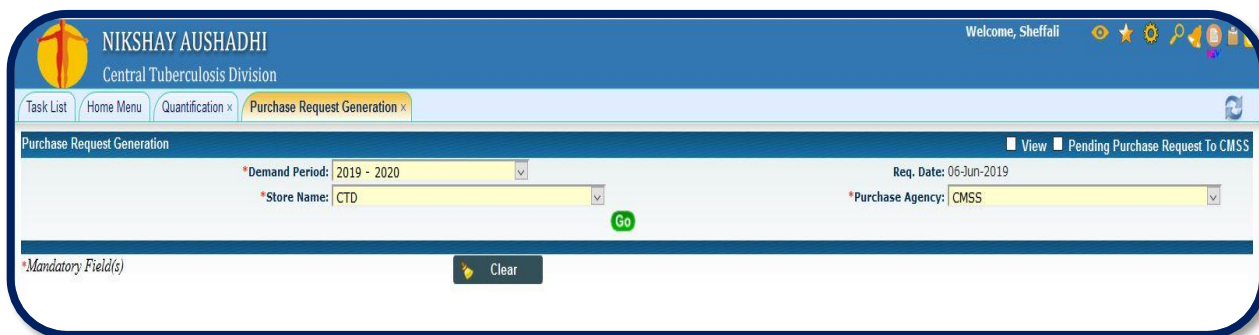
After the purchase request generation, A Purchase Notification of Award gets generated for the concerned purchasing agency.

#### **User Manual of DVDMS:TB**



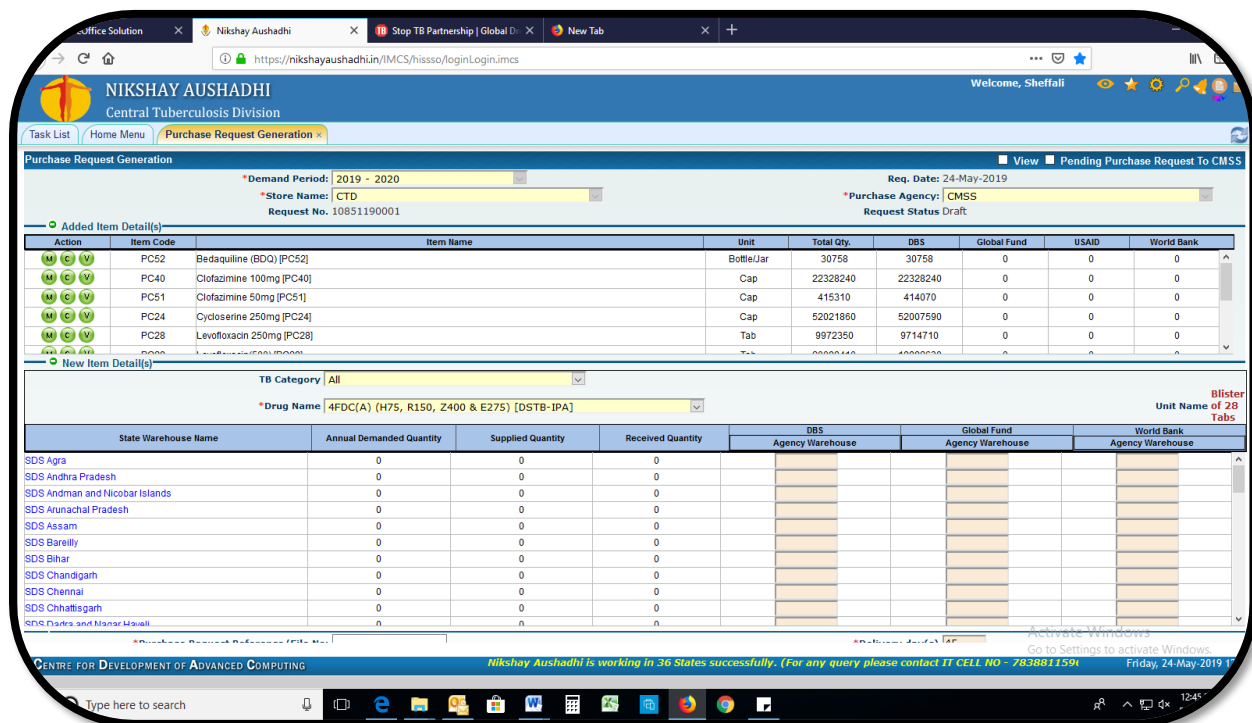
### Prerequisites

1. In Store Name combo Store Name must be mapped with the application.
2. In purchasing agency combo all Purchasing agencies should be mapped.



3. Click the “Go” Button.





### Purchase Request Generation Desk

*Thereafter, CMSS/GDF commences the bidding process either through National Competitive Bidding or International Competitive Bidding (ICB). CMSS undertakes procurement following General Financial Rules issued by Government of India, Ministry of Finance. GDF undertake the procurement as per international procurement protocols.*

4. User selects the item/drug for which demand needs to be made.
5. After filling the demand for the selected item, the user needs to go for “**Draft Save**”.
6. User can add more items or modify the demand if it is in ‘**Draft Save**’ mode; its request status is “**Draft**”.

## User Manual of DVDMS:TB






**Purchase Request Generation**

\*Demand Period: 2017 - 2018  
 \*Store Name: CTD  
 Request No. 10851170052

Req. Date: 22-Jun-2017  
 \*Purchase Agency: CMSS  
 Request Status: Draft

Added Item Detail(s)




Action	Item Code	Item Name	Unit	Total Qty.	DBS	Global Fund	World Bank
  	PC40	Clofazimine 100mg (PC40)	Cap	300	100	100	100

New Item Detail(s)

TB Category: All  
 \*Drug Name: Select Value

Purchase Request Reference:   
 Remarks:

\*Mandatory Field(s)

**Request Status: Draft**

- To modify the demand in the Draft mode, click on “M” button, after doing the necessary modification click on “Draft Save” button.



- Similarly, click on “V” button to view the existing data on the screen.



- Click on the “Final Save” button after finalizing the demand purchase request has been generated.

**User Manual of DVDMS:TB**





The screenshot shows the 'Purchase Request Generation' window. At the top, there are dropdowns for 'Financial Year' (2017 - 2018), 'Store Name' (CTD), and 'Purchase Agency' (CMSS). Below this is a 'Request Detail' table with columns for Request No., Request Date, and Status. The table lists three requests, all with a status of 'Finalized'. Below the table, there is a section for 'Added Item Detail(s)' showing a table with columns for Action, Item Code, Item Name, Unit, Total Qty, DBS, Global Fund, and World Bank. The table shows one item: Ciofazimine 100mg [PC40] with a unit of 'Cap' and a total quantity of 300. At the bottom, there are 'Clear' and 'Back' buttons.

**Request Status: Finalized**

d) **Purchase Notification/Order:**

**Path: Services→ Annual Demand→ Purchase Notification/Order.**

**Process Overview**

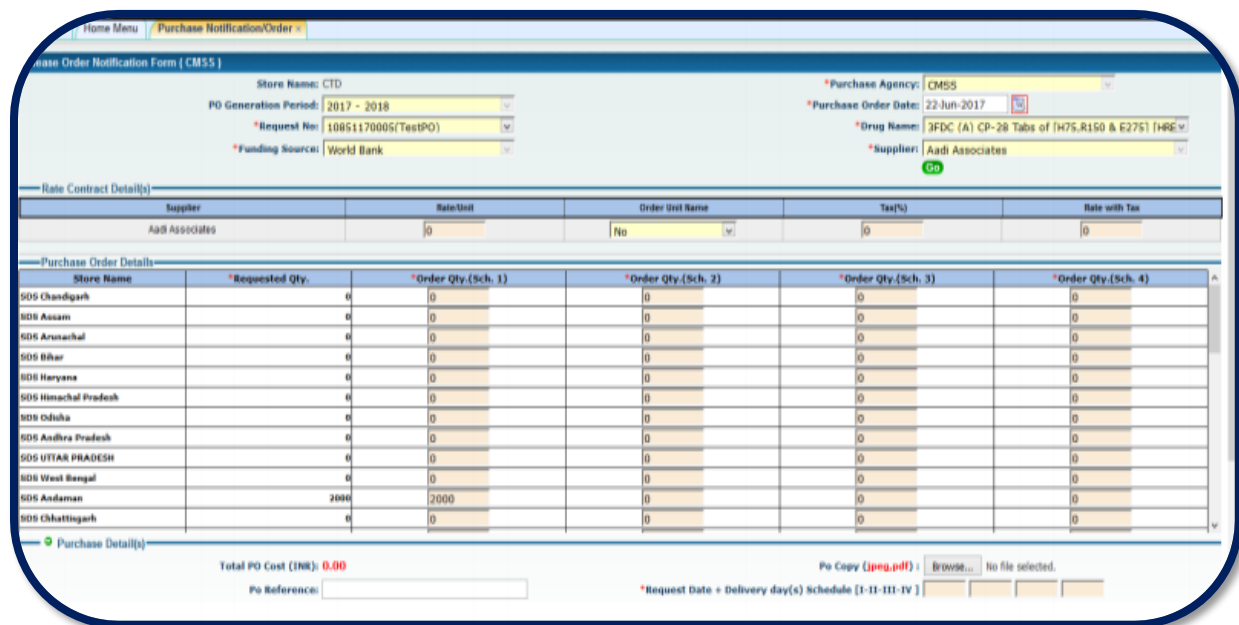
**Steps to be undertaken by Procurement Agency selected by MoHFW**



After the final approval from the competent authority, Procurement Agency issue Purchase Order to the qualified supplier and uploads the copy on Nikshay Aushadhi Portal.-

**User Manual of DVDMS:TB**





Store Name	*Requested Qty.	*Order Qty.(Sch. 1)	*Order Qty.(Sch. 2)	*Order Qty.(Sch. 3)	*Order Qty.(Sch. 4)
SOS Chandigarh	0	0	0	0	0
SOS Assam	0	0	0	0	0
SOS Arunachal	0	0	0	0	0
SOS Bihar	0	0	0	0	0
SOS Haryana	0	0	0	0	0
SOS Himachal Pradesh	0	0	0	0	0
SOS Odisha	0	0	0	0	0
SOS Andhra Pradesh	0	0	0	0	0
SOS UTTAR PRADESH	0	0	0	0	0
SOS West Bengal	0	0	0	0	0
SOS Andaman	2000	2000	0	0	0
SOS Chhattisgarh	0	0	0	0	0

### Purchase Notification/Order Desk

Once the notification award gets generated, the purchasing agency (GMSD) purchase drugs through proper channel and same has to be delivered the drugs as per the request by the CTD w.r.t the State Warehouse as well as Agency Warehouse. A copy of PO and delivery schedule details of drugs is being required/ uploaded for CTD.

### Prerequisites

1. In Store Name combo all Store Name must be mapped with the application.
2. Click on Generate Button.
3. Select Demand Period.
4. Select Store as CTD and select purchase Agency as CMSS/Global Drug Facility/RITES for which user want to generate.

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Task List Home Menu Purchase Request Generation x Purchase Notification/Order x

State	0	0	0	0	0	0
SDS UTTAR PRADESH	0	0	0	0	0	0
SDS West Bengal	0	0	0	0	0	0
SDS Andaman	4	4	0	0	0	0
SDS Chhattisgarh	0	0	0	0	0	0
SDS DadraNagar	0	0	0	0	0	0
SDS DamanDiu	0	0	0	0	0	0
SDS DELHI	0	0	0	0	0	0
SDS Goa	0	10	10	101	01	
SDS Gujarat	0	0	0	0	0	0
SDS Jammu and Kashmir	0	0	0	0	0	0
SDS Jharkhand	0	0	0	0	0	0
SDS Karnataka	0	0	0	0	0	0
SDS Kerala	0	0	0	0	0	0

Purchase Detail(s)

Total PO Cost (INR): 0.00

Po Reference: 1311231

\*Verified By: Dr T Rama Rao - CTD

Remarks:

Po Copy (jpeg,pdf): Browse... No file selected.

\*Request Date + Delivery day(s) Schedule [I-II: 45 0 0 0  
III-IV]

\*Verified Date: 22-May-2017

Save Clear Cancel

### Purchase Notification/Order Desk

5. Select Request no in case of purchase agency i.e. GMSD that we had generated in Purchase Generation Desk.
6. Accordingly select drug names w.r.t to First Line or Second Line and fill w.r.t to State and Funding Agencies i.e. DBS, Global Fund, World Bank etc.
7. Click on Go Button.
8. And here we will give the delivery schedule order of the requested quantities for which purchase order has been generated.
9. We are giving 4 schedules in order to get them delivered
10. Click on save Button.

## User Manual of DVDMS:TB



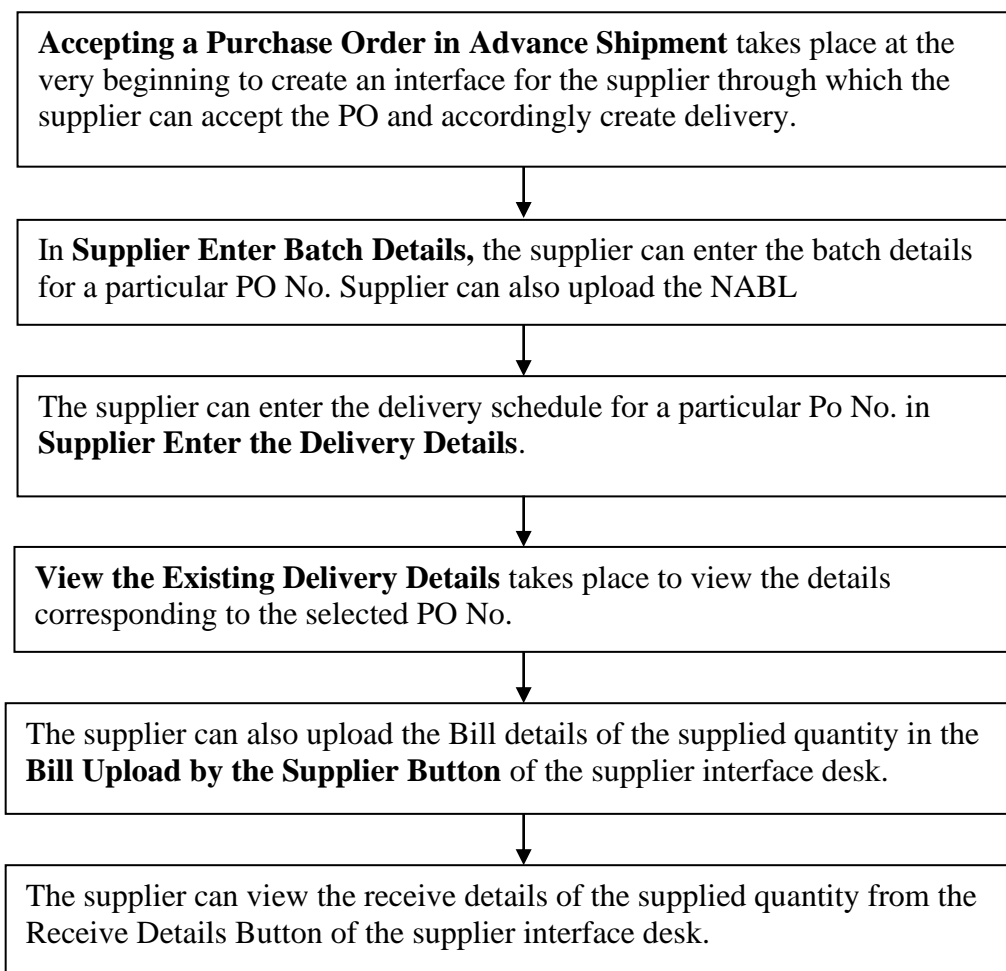
e) **Advance Shipment Details:**

**Path: Services→ Annual Demand→Advance Shipment Details**

**Process Overview**

Procurement Agency will issue Purchase Order to the qualified bidder for the supply of Anti TB drugs and commodities as per the schedule of requirement provided by the Central TB Division. Afterwards, bidder acknowledges the Purchase order and subsequently starts production of quoted product to meet the requirement. Supplier will upload batch wise details for drugs and commodities in Nikshay Aushadhi as they start dispatching the consignments to designed CMSS Warehouses/GMSDs The process is illustrated below:-

### Flow Diagram



### Prerequisites

1. PO must be approved before coming to the Advance Shipment Desk.
2. Items must be mapped with the supplier.
3. Once a Purchase Order is created and approved, it will be reflected in the desk.
4. Supplier name already comes & Select PO No for which user want to supply drugs for which user have to add batch no, select Batch no, Manufacturer, expiry etc.

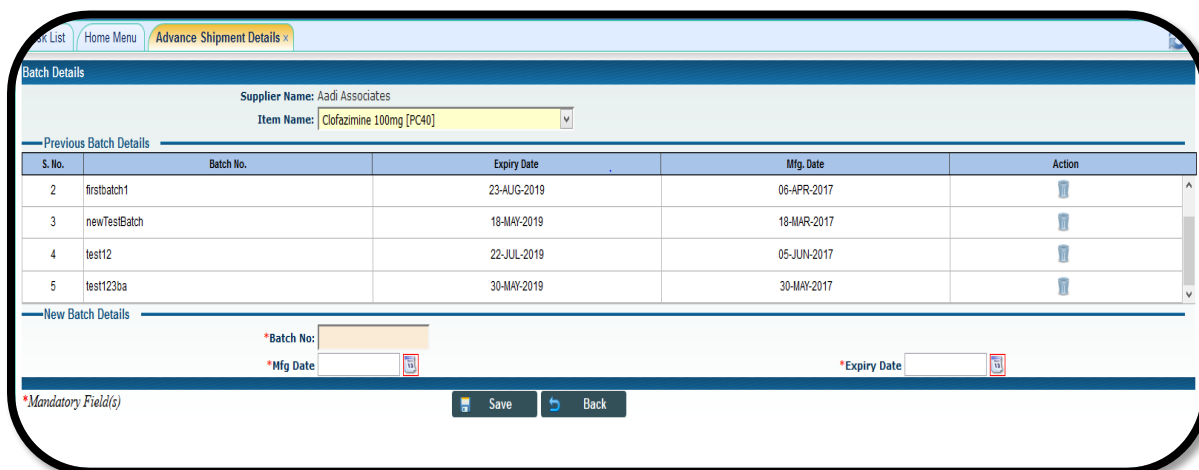
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### **User Manual of DVDMS:TB**

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Click on **Batch Details** and select item name and add new Batch no. and click on save button.



Supplier Name: Aadi Associates  
Item Name: Clofazimine 100mg [PC40]

S. No.	Batch No.	Expiry Date	Mfg. Date	Action
2	firstbatch1	23-AUG-2019	06-APR-2017	
3	newTestBatch	18-MAY-2019	18-MAR-2017	
4	test12	22-JUL-2019	05-JUN-2017	
5	test123ba	30-MAY-2019	30-MAY-2017	

New Batch Details

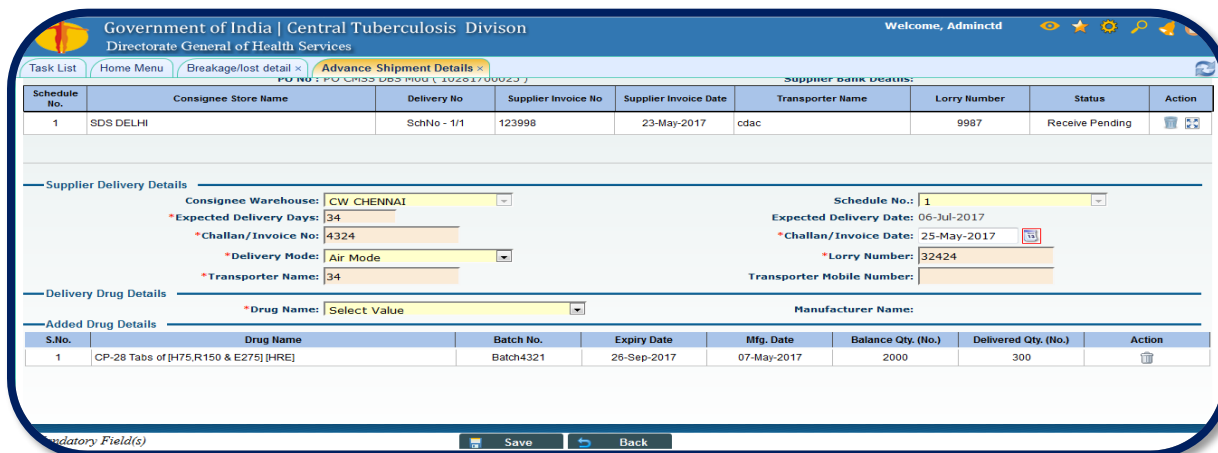
\*Batch No:   
 \*Mfg Date:   
 \*Expiry Date:

\*Mandatory Field(s)

Save Back

### Batch Details Desk

- After that Click on **Shipment Button** w.r.t shipment details i.e. Supplier Delivery Details (Schedule wise) and Delivery Drug Details, Batch-wise item details will be entered.



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Task List Home Menu Breakage/lost detail x Advance Shipment Details x

Schedule No.	Consignee Store Name	Delivery No	Supplier Invoice No	Supplier Invoice Date	Transporter Name	Lorry Number	Status	Action
1	SDS DELHI	SchNo - 1/1	123998	23-May-2017	cdac	9987	Receive Pending	

Supplier Delivery Details

Consignee Warehouse: CW CHENNAI  
 \*Expected Delivery Days: 34  
 \*Challan/Invoice No: 4324  
 \*Delivery Mode: Air Mode  
 \*Transporter Name: 34

Schedule No.: 1  
 Expected Delivery Date: 06-Jul-2017  
 \*Challan/Invoice Date: 25-May-2017  
 \*Lorry Number: 32424  
 Transporter Mobile Number:

Delivery Drug Details

\*Drug Name: Select Value  
 Manufacturer Name:

Added Drug Details

S.No.	Drug Name	Batch No.	Expiry Date	Mfg. Date	Balance Qty. (No.)	Delivered Qty. (No.)	Action
1	CP-28 Tabs of [H75,R150 & E275] [HRE]	Batch4321	26-Sep-2017	07-May-2017	2000	300	

\*Mandatory Field(s)

Save Back

### Shipment Desk

## User Manual of DVDMS:TB



## f) Supplier Delivery Details:-

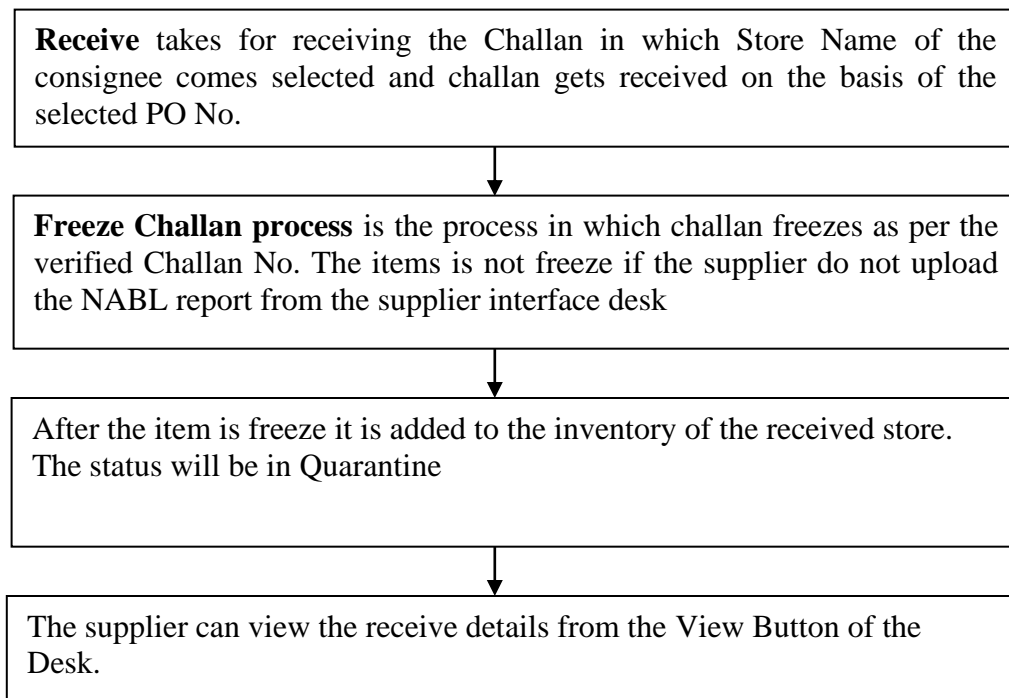
**Path: Services→ Annual Demand→Supplier Delivery Details**

### Process Overview:

The purpose of this process is to receive the drug that has been supplied by CMSS, GDF, RITES and delivery to the GMSD and CMSS. And after receiving the drugs it will Freeze.

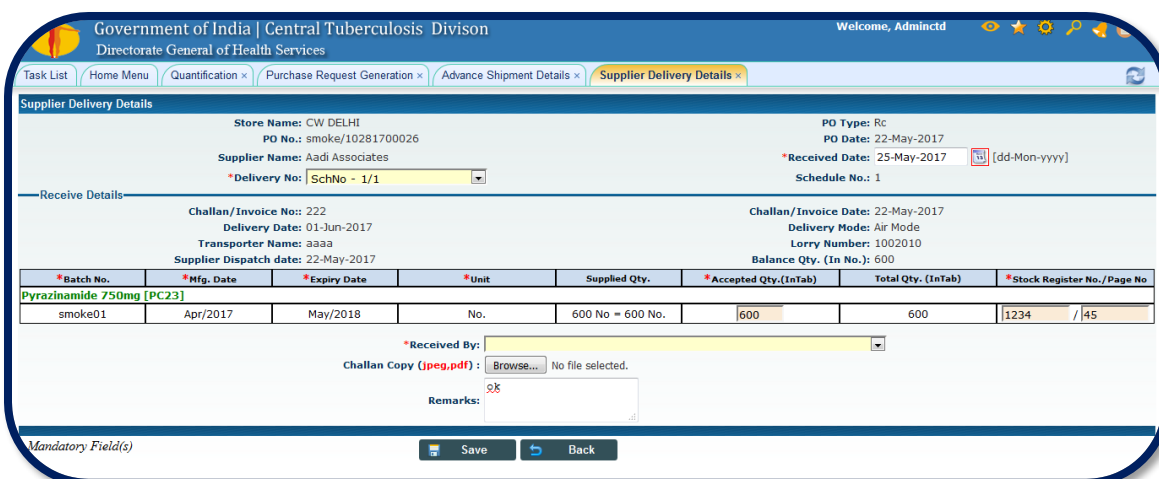
Once the consignment received with requisite documents (Invoice, Quality Reports, Packaging List, Challan etc.), the consignee will acknowledge the drugs in Nikshay Aushadhi and will be ready with to release these drugs to states.

### Flow Diagram



## Prerequisites

1. In Store Name combo Store Name must be mapped with the application.
2. Po No. should to be available.
3. Select Po No. and click on **Receive** button.
4. Select Delivery No from Delivery Combo.



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Task List | Home Menu | Quantification x | Purchase Request Generation x | Advance Shipment Details x | **Supplier Delivery Details x**

**Supplier Delivery Details**

Store Name: CW DELHI  
PO No.: smoke/10281700026  
Supplier Name: Aadi Associates  
PO Type: Rc  
PO Date: 22-May-2017  
\*Received Date: 25-May-2017 [dd-Mon-yyyy]  
Schedule No.: 1

\*Delivery No: SchNo - 1/1

**Receive Details**

Challan/Invoice No.: 222  
Delivery Date: 01-Jun-2017  
Transporter Name: aaaa  
Supplier Dispatch date: 22-May-2017  
Challan/Invoice Date: 22-May-2017  
Delivery Mode: Air Mode  
Lorry Number: 1002010  
Balance Qty. (In No.): 600

*Batch No.	*Mfg. Date	*Expiry Date	*Unit	Supplied Qty.	*Accepted Qty.(InTab)	Total Qty. (InTab)	*Stock Register No./Page No
Pyrazinamide 750mg [PC23]							
smoke01	Apr/2017	May/2018	No.	600 No = 600 No.	600	600	1234 / 45

\*Received By: [dropdown]  
Challan Copy (jpeg,pdf) : [Browse...] No file selected.  
Remarks: [text area]

Mandatory Field(s)

[Save] [Back]

## Receive Desk

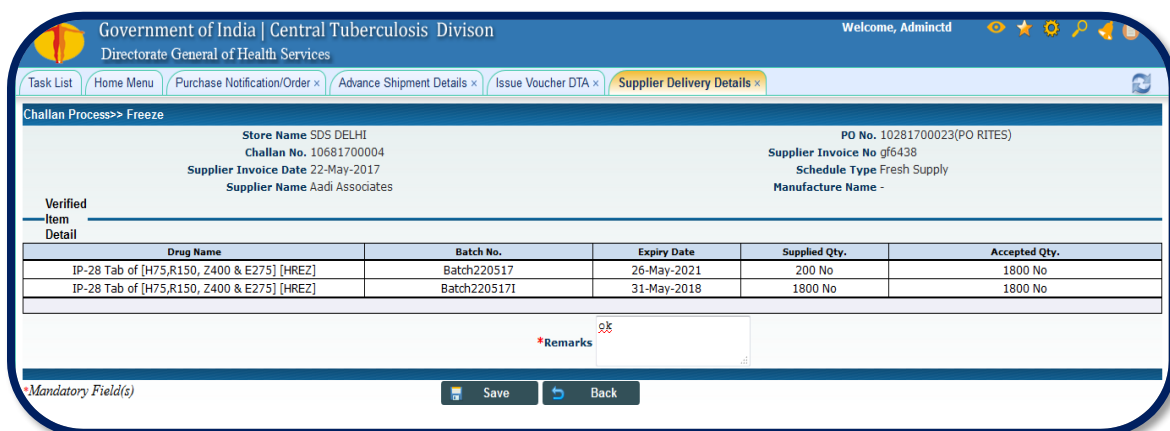
5. Upload a file of challan copy i.e. NABL report.
6. Click on save button.
7. After that select that Po no which we have received and then click on **Freeze** Button
8. Fill Mandatory fields and click on save button.
9. After Freeze the stock gets uploaded in the drug inventory of Central State Store/GMSD/CMSS.

## User Manual of DVDMS:TB





10. Accordingly, after completion of procurement process, consignments are supplied at procurement agent designated warehouses or government depots.
11. For the procurement commenced by GDF, Consignments are supplied to GMSD Store (Government Medical Store Depot) located at 6 states to cater distribution of drugs to nearer States. Similarly, after completion of procurement process by CMSS, consignment receives at their designed CMSS Warehouses located at 20 different states.



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Task List / Home Menu / Purchase Notification/Order x / Advance Shipment Details x / Issue Voucher DTA x / **Supplier Delivery Details x**

Challan Process>> Freeze

Store Name SDS DELHI  
Challan No. 10681700004  
Supplier Invoice Date 22-May-2017  
Supplier Name Aadi Associates

PD No. 10281700023(PO RITES)  
Supplier Invoice No gf6438  
Schedule Type Fresh Supply  
Manufacture Name -

Verified  
Item  
Detail

Drug Name	Batch No.	Expiry Date	Supplied Qty.	Accepted Qty.
IP-28 Tab of [H75,R150, Z400 & E275] [HREZ]	Batch220517	26-May-2021	200 No	1800 No
IP-28 Tab of [H75,R150, Z400 & E275] [HREZ]	Batch2205171	31-May-2018	1800 No	1800 No

\*Remarks

Mandatory Field(s)

Save Back

### Freeze Desk

## User Manual of DVDMS:TB

