

ANNEXURE I

Module	Component	Requirement No.	Requirement	Phase
Portal	Warehouse	PWH.REQ.001	Form for Application for Registration of Warehouse should allow Warehouseman to enter the required information	Phase 1
Portal	Warehouse	PWH.REQ.002	Form for Application for Registration of Warehouse should allow registration of multiple warehouses for same Warehouseman at the same time or at different times	Phase 1
Portal	Warehouse	PWH.REQ.003	Query different warehouses for a Warehouseman using their identifier	Phase 1
Portal	Warehouse	PWH.REQ.004	Application for Registration of Warehouse should allow Warehouseman to upload all required documents	Phase 1
Portal	Warehouse	PWH.REQ.005	Application for Registration of Warehouse should allow Warehouseman to pay non-refundable application fee via payment gateway made available in Online Portal.	Phase 1
			Application for Registration of Warehouse should be digitally signed before submission.	
Portal	Warehouse	PWH.REQ.006	In case of Individual entity, Application for Registration of Warehouse should authenticate applicant using OTP based AADHAR verification. In case of Non-Individual entity, digital signature of authorized representative of the entity should be attached to the application.	Phase 1
Portal	Warehouse	PWH.REQ.007	Generate unique acknowledgement number on successful completion & submission of application for registration	Phase 1
Portal	Warehouse	PWH.REQ.008	Registration of Warehouse and Renewal of Registration of Warehouse should allow WDRA to allocate inspection (physical inspection of warehouse to be registered under WDRA) to Inspection Agency. Generate a unique reference number post allocation of physical inspection of warehouse to Inspection Agency.	Phase 1
Portal	Warehouse	PWH.REQ.009	System should allow WDRA to enter required information at the time of allocating inspection to Inspection Agency for Registration of Warehouse and Renewal of Registration of Warehouse. System should also allow WDRA to upload Inspection Checklist at the time of allocating inspection to Inspection Agency.	Phase 1
Portal	Warehouse	PWH.REQ.010	Generate unique warehouse registration number, for each warehouse, on approval of application for registration. The unique warehouse registration number should be alphanumeric of length 7 and with a check digit at the end created using the Luhn algorithm. Warehouseman ID should be alphanumeric of length 7 and with a check digit, created using the Luhn algorithm, at the end.	Phase 1
Portal	Warehouse	PWH.REQ.011	On approval of application for registration, it should allow WDRA to issue Certificate of Registration and generate a user login for the warehouseman on the WDRA portal.	Phase 1
Portal	Warehouse	PWH.REQ.012	Process application for registration, using the defined approval hierarchy, through integrated workflow. WDRA should receive a notification message on submission of application form for registration of warehouse by Warehouseman. Applicant / Warehouseman should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Warehouse	PWH.REQ.013	Warehouseman should be able to see the status and details of the applications it submits for registration of warehouse. WDRA should be able to see the status and details of the applications submitted by all Warehousemen for registration of warehouses.	Phase 1
Portal	Warehouse	PWH.REQ.014	Allow edit of specific information for warehouse by warehouseman	Phase 1
Portal	Warehouse	PWH.REQ.015	Renewal of Registration of Warehouse should allow warehouseman to query using their identifier and Registration Number.	Phase 1
Portal	Warehouse	PWH.REQ.016	System should not allow renewal of Registration of Warehouse by Warehouseman more than a (configurable) time interval prior to of expiry of registration.	Phase 1
Portal	Warehouse	PWH.REQ.017	If application for Renewal of Registration of Warehouse is attempted by Warehouseman within the (configurable) time interval of expiry of registration of warehouse, system should display all the information entered during the registration of warehouse.	Phase 1
Portal	Warehouse	PWH.REQ.018	Application for Renewal of Registration of Warehouse should allow Warehouseman to edit/modify information in case there is a change in information between Registration of Warehouse and Renewal of Registration of Warehouse.	Phase 1
Portal	Warehouse	PWH.REQ.019	Application for Renewal of Registration of Warehouse should allow Warehouseman to upload required documents only in case there is a change in information between Registration of Warehouse and Renewal of Registration of Warehouse.	Phase 1
Portal	Warehouse	PWH.REQ.020	Application for Renewal of Registration of Warehouse should allow Warehouseman to pay non-refundable application fee via payment gateway made available in Online Portal.	Phase 1
			Application for Renewal of Registration of Warehouse should be digitally signed before submission.	
Portal	Warehouse	PWH.REQ.021	In case of Individual entity, Application for Renewal of Registration of Warehouse should authenticate applicant using OTP based AADHAR verification. In case of Non-Individual entity, digital signature of authorized representative of the entity should be attached to the application.	Phase 1
Portal	Warehouse	PWH.REQ.022	Generate unique acknowledgement number on successful completion & submission of application for renewal of registration.	Phase 1
Portal	Warehouse	PWH.REQ.023	Renewal of Registration of Warehouse should provide option to WDRA to go through the online reports of past inspections conducted for the warehouse, once WSP submits application for Renewal of Registration of Warehouse.	Phase 1
Portal	Warehouse	PWH.REQ.024	Renewal of Registration of Warehouse should provide option to WDRA to go through the online grievance history for the warehouse, once Warehouseman submits application for Renewal of Registration of Warehouse.	Phase 1
Portal	Warehouse	PWH.REQ.025	On approval of application for renewal of registration, Renewal of Registration of Warehouse should allow WDRA to issue Certificate of Renewal of Registration.	Phase 1
Portal	Warehouse	PWH.REQ.026	Process application for renewal of registration, using the defined approval hierarchy, through integrated workflow. WDRA should receive a notification message on submission of application form for renewal of registration of warehouse by Warehouseman. Applicant / Warehouseman should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Warehouse	PWH.REQ.027	Warehouseman should be able to see the status and details of the applications it submits for renewal of registration of warehouse. WDRA should be able to see the status and details of the applications submitted by all Warehousemen for renewal of registration of warehouses.	Phase 1
Portal	Warehouse	PWH.REQ.028	Application for Surrender of Registration of Warehouse should allow Warehouseman to query using their identifier and Warehouse Registration Number.	Phase 1
			Application for Surrender of Registration of Warehouse should be digitally signed before submission.	
Portal	Warehouse	PWH.REQ.029	In case of Individual entity, Application for Surrender of Registration of Warehouse should authenticate applicant using OTP based AADHAR verification. In case of Non-Individual entity, digital signature of authorized representative of the entity should be attached to the application.	Phase 1

Portal	Warehouse	PWH.REQ.030	Generate unique acknowledgement number on successful completion & submission of application for surrender of registration of warehouse	Phase 1
Portal	Warehouse	PWH.REQ.031	Application for suspension of warehouse should allow WDRA official to enter information with show-cause notice in pre-defined format	Phase 1
Portal	Warehouse	PWH.REQ.032	Application for suspension of warehouse should be digitally signed by WDRA official before submission	Phase 1
Portal	Warehouse	PWH.REQ.033	Process application for suspension using integrated workflow	Phase 1
Portal	Warehouse	PWH.REQ.034	Application for cancellation of warehouse should allow enquiry officer (WDRA official or outsider) to enter information with relevant documents	Phase 1
Portal	Warehouse	PWH.REQ.035	Application for cancellation of warehouse should be digitally signed by enquiry officer before submission	Phase 1
Portal	Warehouse	PWH.REQ.036	Process application for cancellation using integrated workflow	Phase 1
			Process application for surrender of registration, using the defined approval hierarchy, through integrated workflow. WDRA should receive a notification message on submission of application form for surrender of registration of warehouse by Warehouseman. Applicant/ Warehouseman should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Warehouse	PWH.REQ.037	Applicant/ Warehouseman should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Warehouse	PWH.REQ.038	Warehouseman should be able to see the status and details of the applications it submits for surrender of registration of warehouse. WDRA should be able to see the status and details of the applications submitted by all Warehouseman for surrender of registration of warehouses.	Phase 1
Portal	Warehouse	PWH.REQ.039	Calculate security deposit for warehouse based on defined parameters e.g. value of e-NWRs issued, etc.	Phase 1
Portal	Warehouse	PWH.REQ.040	Warehouse Module should be integrated with payment gateway.	Phase 1
Portal	Inspection Agenc	PIA.REQ.001	Application for Registration of Inspection Agency should allow applicant to enter the required information	Phase 1
Portal	Inspection Agenc	PIA.REQ.002	Application for Registration of Inspection Agency should allow applicant to upload the required documents	Phase 1
Portal	Inspection Agenc	PIA.REQ.003	Application for Registration of Inspection Agency should allow applicant to pay non-refundable application fee via payment gateway made available in Online Portal. Application for Registration of Inspection Agency should allow applicant to pay refundable security deposit via payment gateway made available in Online Portal.	Phase 1
			Application for Registration of Inspection Agency should be digitally signed before submission. In case of Individual entity, Application for Registration of Inspection Agency should authenticate applicant using OTP based AADHAR verification. In case of Non-Individual entity, digital signature of authorized representative of the entity should be attached to the application.	Phase 1
Portal	Inspection Agenc	PIA.REQ.004	In case of Individual entity, Application for Registration of Inspection Agency should authenticate applicant using OTP based AADHAR verification. In case of Non-Individual entity, digital signature of authorized representative of the entity should be attached to the application.	Phase 1
Portal	Inspection Agenc	PIA.REQ.005	Generate unique acknowledgement number on successful completion & submission of application for registration of Inspection Agency.	Phase 1
Portal	Inspection Agenc	PIA.REQ.006	Generate unique inspection agency registration number, for each inspection agency, on approval of application for registration. The unique inspection agency registration number should be alphanumeric and with a check digit at the end.	Phase 1
Portal	Inspection Agenc	PIA.REQ.007	On approval of application for registration, allow WDRA to issue Certificate of Registration and generate a login for the Inspection Agency in the WDRA online portal.	Phase 1
			Process application for registration of Inspection Agency using integrated workflow. WDRA should receive a notification message on submission of application form for registration of inspection agency by WSP. Applicant should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Inspection Agenc	PIA.REQ.008	Applicant should receive a notification message on approval, rejection and update of comments section of application form by WDRA.	Phase 1
Portal	Inspection Agenc	PIA.REQ.009	Inspection Agency should be able to see the status and details of the applications it submits for registration.	Phase 1
Portal	Inspection Agenc	PIA.REQ.010	Submission of Inspection Report of Warehouse function should provide option for Inspecting Officer to submit the Inspection Checklist in online mode.	Phase 1
Portal	Inspection Agenc	PIA.REQ.011	Submission of Inspection Report of Warehouse function should allow Inspecting Officer to fill up information against the parameters in Inspection Checklist	Phase 1
Portal	Inspection Agenc	PIA.REQ.012	Submission of Inspection Report of Warehouse should allow Inspecting Officer to upload scanned copy of supporting documents against the information entered in Inspection Checklist.	Phase 1
Portal	Inspection Agenc	PIA.REQ.013	Submission of Inspection Report of Warehouse should allow Inspecting Officer to enter the required information at the time of uploading Inspection Checklist along with supporting documents	Phase 1
Portal	Inspection Agenc	PIA.REQ.014	Submission of Inspection Report of Warehouse should allow Inspecting Officer to digitally sign the Inspection Report before uploading it in Online Web Portal.	Phase 1
Portal	Inspection Agenc	PIA.REQ.015	Process submission of Inspection Report of Warehouse using integrated workflow WDRA should receive a notification message on submission of Inspection Report of warehouse by Inspection Agency.	Phase 1
Portal	Inspection Agenc	PIA.REQ.016	On approval of Inspection Report of warehouse submitted by Inspecting Officer, System should allow Inspection Agency to raise invoice to WDRA against which WDRA can make payment of the inspection fee to the Inspection Agency.	Phase 1
Portal	Inspection Agenc	PIA.REQ.017	On approval of Inspection Report of warehouse submitted by Inspecting Officer, System should allow WDRA to change the Status of Inspection to 'Closed'. Inspection Agency should receive a notification message upon change of Status.	Phase 1
Portal	Inspection Agenc	PIA.REQ.018	Inspection Agency should be able to see the status and details of the inspection report it submits to WDRA post inspection of warehouse. WDRA should be able to see the status and details of the inspection reports submitted by all Inspection Agencies to WDRA post inspection of warehouses.	Phase 1
Portal	Inspection Agenc	PIA.REQ.019	Submission of Inspection Report of Repository function should provide option for Inspecting Officer to submit the Inspection Checklist in online mode.	Phase 1
Portal	Inspection Agenc	PIA.REQ.020	Submission of Inspection Report of Repository function should allow Inspecting Officer to fill up information for the parameters in Inspection Checklist	Phase 1
Portal	Inspection Agenc	PIA.REQ.021	Submission of Inspection Report of Repository should allow Inspecting Officer to upload scanned copy of supporting documents against the information entered in Inspection Checklist.	Phase 1
			Submission of Inspection Report of Repository should allow Inspecting Officer to digitally sign the Inspection Report before uploading it in Online Web Portal. Submission of Inspection Report of Repository should allow Inspecting Officer to enter the required fields at the time of uploading Inspection Checklist along with supporting documents	Phase 1
Portal	Inspection Agenc	PIA.REQ.022	Submission of Inspection Report of Repository should allow Inspecting Officer to enter the required fields at the time of uploading Inspection Checklist along with supporting documents	Phase 1
Portal	Inspection Agenc	PIA.REQ.023	Process submission of Inspection Report of Repository using integrated workflow. WDRA should receive a notification message on submission of Inspection Report of Repository by Inspection Agency.	Phase 1

Portal	Inspection Agency	PIA.REQ.024	On approval of Inspection Report of Repository submitted by Inspecting Officer, System should allow Inspection Agency to raise invoice to WDRA against which WDRA can make payment of the inspection fee to the Inspection Agency.	Phase 1
Portal	Inspection Agency	PIA.REQ.025	On approval of Inspection Report of repository submitted by Inspecting Officer, System should allow WDRA to change the Status of Inspection to 'Closed'. Inspection Agency should receive a notification message upon change of Status.	Phase 1
Portal	Inspection Agency	PIA.REQ.026	Inspection Agency should be able to see the status and details of the inspection report it submits to WDRA post inspection of repository. WDRA should be able to see the status and details of the inspection reports submitted by all Inspection Agencies to WDRA post inspection of repositories.	Phase 1
Portal	Inspection Agency	PIA.REQ.027	Inspection Agency Module should be integrated with payment gateway.	Phase 1

Portal	Repository	PREP.REQ.001	Allow upload & submission of Internal Audit Report (Review, Monitoring and Evaluation of Repository Systems and Controls) of Repository	Phase 1
Portal	Repository	PREP.REQ.002	On acceptance of Audit Report of repository submitted by Internal Auditor, System should allow WDRA to change the Status of Internal Audit to 'Closed'.	Phase 1
Portal	Repository	PREP.REQ.003	Internal Auditor should be able to see the status and details of the internal audit report it submits to WDRA post monitoring, review and evaluation of repository systems, controls. WDRA should be able to see the status and details of the internal audit report submitted by auditor to WDRA post monitoring, review and evaluation of repository systems, controls.	Phase 1
Portal	Repository	PREP.REQ.004	Allow upload & submission of External Audit Report (Review, Monitoring and Evaluation of Repository Systems and Controls) of Repository	Phase 1
Portal	Repository	PREP.REQ.005	On acceptance of Audit Report of repository submitted by External Auditor, System should allow WDRA to change the Status of Inspection to 'Closed'. External Audit Agency should receive a notification message upon change of Status.	Phase 1
Portal	Repository	PREP.REQ.006	External Auditor should be able to see the status and details of the external audit report it submits to WDRA post monitoring, review and evaluation of repository systems, controls. WDRA should be able to see the status and details of the external audit report submitted by auditor to WDRA post monitoring, review and evaluation of repository systems, controls.	Phase 1
Portal	Repository	PREP.REQ.007	Repository module should provide a protocol for secure transfer of regulatory reporting data at a regular frequency.	Phase 1
Portal	Repository	PREP.REQ.008	Repository module should provide facility to check the Regulatory Report sent by Repository to WDRA.	Phase 1

Portal	General	PGM.REQ.001	Portal should allow stakeholders to create guest account after entering required information. Account should be created only after Verification through mobile OTP or email activation link.	Phase 1
Portal	General	PGM.REQ.002	WDRA portal should allow online payment services through integration with a standard Payment Gateway	Phase 1
Portal	General	PGM.REQ.003	Upon completion of registration process for warehouses, inspection agencies and repositories, the system should generate a login id for the WDRA portal and appropriately notify the stakeholders.	Phase 1
Portal	General	PGM.REQ.004	Portal should facilitate secure login by stakeholders	Phase 1
Portal	General	PGM.REQ.005	Portal should provide allow stakeholders to reset their password.	Phase 1
Portal	General	PGM.REQ.006	WDRA portal should allow standard online notification services through integration with a standard SMS gateway	Phase 1
Portal	General	PGM.REQ.007	Portal should provide search facility that enables the end user to search structured and unstructured data entered in Portal.	Phase 1
Portal	General	PGM.REQ.008	Translation of Portal Content: Portal Content should be available in both English and Hindi. All the PDF and Word documents available in WDRA existing Portal (Such as Warehouse Registration Form, WDRA Annual Report, Warehouse Manual etc.) should be available both in English and Hindi.	Phase 1
Portal	General	PGM.REQ.009	Portal should define role-based access control for all application functions secured by a login.	Phase 1
Portal	General	PGM.REQ.010	Portal should provide Web Content Management functionality for creating & managing content and integrate with a Content Management Framework	Phase 1
Portal	General	PGM.REQ.011	Portal should support access through multiple channels such as web-based access through the latest versions of the leading internet browsers on desktops, laptops & notebooks and on mobile. Different functions that should be accessible on mobile shall be defined	Phase 1
Portal	General	PGM.REQ.012	Portal should be GIGW compliant.	Phase 1
Portal	General	PGM.REQ.013	Portal should be designed using reusable components, such as portlets, that communicate using standard protocols such as Web Services for Remote Portlets (WSRP).	Phase 1
Portal	General	PGM.REQ.014	Portal should have an intuitive layout for easy access to content with no loss of fidelity across different renderers for the web & mobile.	Phase 1
Portal	General	PGM.REQ.015	Portal should enable access only through secure protocols such as SSL/TLS.	Phase 1
Portal	General	PGM.REQ.016	Portal should provide an unified application interface for all application functions with a centralized directory for authentication of user credentials	Phase 1

Warehouse Management	General	WMS.REQ.001	System should provide form for tracking inward movement of commodities	Phase 1
Warehouse Management	General	WMS.REQ.002	System should provide facility to issue e-NWR to depositors and synchronize this information with the repository	Phase 1
Warehouse Management	General	WMS.REQ.003	System should provide a data entry screen for entry of warehouse quality parameters	Phase 1
Warehouse Management	General	WMS.REQ.004	System should provide an API, using message formats published by WDRA, for back-end integration of the quality control information	Phase 1

Warehouse Managemen	General	WMS.REQ.005	System should automatically record the warehouse in the quality control record based on the login id	Phase 1
Warehouse Managemen	General	WMS.REQ.006	System should display the list of commodities for the user to select the commodity for inspection & sampling	Phase 1
Warehouse Managemen	General	WMS.REQ.007	System should automatically determine the current category based on the parameters defined	Phase 1
Warehouse Managemen	General	WMS.REQ.008	System should compare the commodity grade at deposit with the corresponding commodity grade at inspection & sampling to determine if curative and prophylactic treatment is required and enable these fields for data entry	Phase 1
Warehouse Managemen	General	WMS.REQ.009	System should display the quality control reporting history for a specific stack & lot	Phase 1
Warehouse Managemen	General	WMS.REQ.010	System should provide form for tracking outward movement of commodities	Phase 1
Warehouse Managemen	General	WMS.REQ.011	System should show the space allocation in a warehouse stack-wise, along with relevant information such as space available, etc.	Phase 1
Warehouse Managemen	General	WMS.REQ.012	System should show warehouses where space is available within a specific area of a prospective depositor geo coordinates (e.g. 5 km, 10km, etc.); this information should be public and also be available on mobile	Phase 1
Warehouse Managemen	General	WMS.REQ.013	System should display the commodity stock register commodity-wise and depositor-wise	Phase 1
Internal	General	IAM.REQ.001	Maintain multiple ledgers for double entry accrual accounting adhering to the Indian Public Sector Accounting Standards (IPSAS)	Phase 1
Internal	General	IAM.REQ.002	Define and create multiple heads such as "Salary", "Other Expenses", etc. for accounting of grants, receipts, expenses, etc.	Phase 1
Internal	General	IAM.REQ.003	Extract Trial Balance, Statement of Accounts and Balance Sheet across all heads and ledgers or for individual head	Phase 1
Internal	General	IAM.REQ.004	Availability of Monthly/Quarterly/Annual Period Closure with controls features if required	Phase 1
Internal	General	IAM.REQ.005	Ability of the system to generate a unique number to every possible transaction	Phase 1
Internal	General	IAM.REQ.006	Ability to create manual journal emtries	Phase 1
Internal	General	IAM.REQ.007	Support following tyes of journals - Accrual, Recurring journals	Phase 1
Internal	General	IAM.REQ.008	Ability to create provisions for administrative expenses, payroll, depreciation, receipts etc.	Phase 1
Internal	General	IAM.REQ.009	Ability to automatically carry forward balances for balance sheet heads and reset all heads at the year-end closing.	Phase 1
Internal	General	IAM.REQ.010	Ability to record details of each vendor including bank details, payment method, payment terms etc. in Vendor registration form	Phase 1
Internal	General	IAM.REQ.011	Ability to record the receipt of invoices and expenses due for the reimbursement as part of payables	Phase 1
Internal	General	IAM.REQ.012	Preparation of payment proposal, its review and approval, followed by payment of due invoices	Phase 1
Internal	General	IAM.REQ.013	Ability to record details of each customer and create unique customer code for each customer	Phase 1
Internal	General	IAM.REQ.014	Capability to issue invoices, bills in Indian Rupee, printed in standardized format and according to the various billing cycles	Phase 1
Internal	General	IAM.REQ.015	Maintain Fixed Asset Register for all assets with depreciation information	Phase 1
Internal	General	IAM.REQ.016	Ability to print cheques with payment advice and make electronic payments to vendors & statutory authorities	Phase 1
Internal	General	IAM.REQ.017	Ability to perform bank reconciliation using bank statement inputs	Phase 1
Internal	General	IAM.REQ.018	Manage list of employees with features such as induction on deputation or otherwise, transfers, leave management, etc.	Phase 1
Internal	General	IAM.REQ.019	Manage Payroll, with allocation of different salary components, deductions such as PF/NPS, calculation of taxes and electronic payment to employees	Phase 1
Internal	General	IAM.REQ.020	Create requisition, generate PO and record receipt of goods	Phase 1
Internal	General	IAM.REQ.021	Integration with Office Automation system for accounting of employee travel expenses	Phase 1
Internal	General	IAM.REQ.022	Generate Statement of Accounts and Balance Sheet as per defined formats	Phase 1
Internal	General	IAM.REQ.023	Integrate with Government of India PFMS system for recording utilization of grants	Phase 1
Internal	General	IAM.REQ.024	Facilitate audit of accounts	Phase 1
Internal	General	IAM.REQ.025	Migration of data for Finance & Accounts, digitized office files	Phase 1

ANNEXURE I PHASE II

Module	Component	Requirement No.	Requirement	Phase
Portal	E-learning	PELEC.REQ.001	Allow access to e-learning and e-certification content online through the Portal including facility to download the content.	Phase 2
Portal	Complaint & Disp	PCG.REQ.001	Allow Complainant to register complaints while providing the necessary details. Upon successful validation, system should generate a unique complaint number (UCN)	Phase 2
Portal	Complaint & Disp	PCG.REQ.002	System should send a notification message to the assignee of every complaint on registration of complaint	Phase 2
Portal	Complaint & Disp	PCG.REQ.003	System should send a notification message to the complainant on update of information /resolution.	Phase 2
Portal	Complaint & Disp	PCG.REQ.004	System should integrate with SMS gateway for sending the SMS notifications.	Phase 2
Portal	Complaint & Disp	PCG.REQ.005	Complainant should have option to escalate complaint to WDRA by clicking on a check box 'Escalate to WDRA' in case complainant is not satisfied with the resolution provided by the assignee or in case complainant does not get any response from assignee within stipulated period of time.	Phase 2

Portal	Complaint & Disp	PCG.REQ.006	Complainant should have option to change the priority of complaint post registration of complaint.	Phase 2
Portal	Complaint & Disp	PCG.REQ.007	Complainant, Assignee and WDRA should have option to check the status of every complaint.	Phase 2
Portal	Complaint & Disp	PCG.REQ.008	Complainant should have option to change the status of complaint to 'Resolved' post resolution of the complaint.	Phase 2
Portal	Complaint & Disp	PCG.REQ.009	Complainant, Assignee and WDRA (in case complaint is escalated to WDRA) should receive a notification message post change of status of complaint.	Phase 2
Portal	Complaint & Disp	PCG.REQ.010	Complainant should have an option to reopen the complaint in case complainant is not satisfied with the resolution provided by the assignee or WDRA. Assignee, WDRA (in case complaint is escalated to WDRA) should receive a notification in case complaint is reopened by complainant.	Phase 2
Portal	Complaint & Disp	PCG.REQ.011	WDRA should have an option to change Complaint Category, Complaint Sub-category in case WDRA finds the complaint is actually a dispute. Complainant, Assignee should receive a notification message post change of Category, Sub-category of complaint.	Phase 2
Portal	Complaint & Disp	PCG.REQ.011	System should define metadata for types of complainants, complaint category and sub-category, assignee for each complaint type, etc.	Phase 2
Monitoring &	User & Access Ma	AM.REQ.001	Every presentation view and business process should be defined as an application function which can be secured.	Phase 2
Monitoring &	User & Access Ma	AM.REQ.002	Role based access control should be enforced for every application function as per the User Management framework for the Portal	Phase 2
Monitoring &	User & Access Ma	AM.REQ.003	All activities of user shall be logged in System. The log among other shall include the user id, access date and time, transaction and type of accesses made. The log shall be linked to the Monitoring & Surveillance application record and available for access	Phase 2
Monitoring &	Data Collection	DC.REQ.001	The system should have the ability to consolidate & correlate data from multiple sources into a consolidated schema in the Monitoring & Surveillance database	Phase 2
Monitoring &	Data Collection	DC.REQ.002	The system should have the ability to perform data processing tasks such as data validation/ transformation/ standardization/ enrichment, etc. using defined business rules	Phase 2
Monitoring &	Data Collection	DC.REQ.003	The system should enable basic transformations, such as data type conversions, string manipulations, column transformations and simple calculations based on user defined rules.	Phase 2
Monitoring &	Data Collection	DC.REQ.004	The system should have the ability to interact with standard file formats such as XML	Phase 2
Monitoring &	Data Collection	DC.REQ.005	The system should enable bulk acquisition or loading and processing of large sized data	Phase 2
Monitoring &	Data Collection	DC.REQ.006	The system should enable reconciliation of data between source systems and Monitoring & Surveillance database using captured metadata	Phase 2
Monitoring &	Data Collection	DC.REQ.007	The system should be able to check incoming data for quality, consistency and validity	Phase 2
Monitoring &	Data Collection	DC.REQ.008	The system should perform schema level validation of XML file and generate error in case of failures	Phase 2
Monitoring &	Data Collection	DC.REQ.009	Data in transit (from external systems or between internal systems) or data at rest must be protected from tampering.	Phase 2
Monitoring &	Data Collection	DC.REQ.010	The system should be able to encrypt part and all of data	Phase 2
Monitoring &	Data Collection	DC.REQ.011	The system should provide a high performance computing (e.g. MapReduce) for processing large data sets with a parallel, distributed algorithm	Phase 2
Monitoring &	Data Collection	DC.REQ.012	The system should ensure that the raw data aggregated from other systems is not modified in any way, and all derived values, enrichment etc. are in addition to the raw data.	Phase 2
Monitoring &	Data Collection	DC.REQ.013	The system should maintain audit trail of all data files processed and make this information available to the corresponding repositories and warehouses for reconciliation	Phase 2
Monitoring &	Data Collection	DC.REQ.014	The system should have an asynchronous event mechanism to detect new data files in the staging area for subsequent processing using data integration tools	Phase 2
Monitoring &	Data Collection	DC.REQ.015	The system should use standard data integration tools for the data collection process	Phase 2
Monitoring &	Data Collection	DC.REQ.016	The system should enable a staging area for repositories & warehouses to push regulatory reporting data at a pre-determined frequency. Data in the staging area will be stored in encrypted form.	Phase 2
Monitoring &	Data Analysis	DA.REQ.001	The system should support multiple types of schemas for reporting & data analysis – this includes dimensional & multi-dimensional schemas	Phase 2
Monitoring &	Data Analysis	DA.REQ.002	The system should generate and maintain aggregate data for different metrics	Phase 2
Monitoring &	Data Analysis	DA.REQ.003	The system should allow definition of metadata for different schema & view elements to facilitate metadata-based reporting & analysis	Phase 2
Monitoring &	Data Analysis	DA.REQ.004	The system should allow definition of derived or computed columns for storing data that is derived or computed from data source elements	Phase 2
Monitoring &	Data Analysis	DA.REQ.005	The system should have a de-normalized schema to make generation of reports easy & performant	Phase 2
Monitoring &	Data Analysis	DA.REQ.006	The system should facilitate drill-downs within and across reports & alerts to facilitate seamless analysis	Phase 2
Monitoring &	Data Analysis	DA.REQ.007	The system should use advanced technology components, such as tables, pivot tables, graphs to facilitate visual & non-visual analytics	Phase 2
Monitoring &	Data Analysis	DA.REQ.008	The system should intuitively display large data sets, e.g. by paging or other appropriate mechanisms	Phase 2
Monitoring &	Data Analysis	DA.REQ.009	The system should seamlessly synchronize between the different types of schemas	Phase 2
Monitoring &	Data Analysis	DA.REQ.010	The system should allow dynamic changing of views e.g. from table to pivot table or graph without refresh of the page	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.001	The system should provide a metadata editor for definition of metadata	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.002	The system should support different types of metadata based on logical schema or presentation elements	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.003	The system should provide a catalog or repository for storing all metadata and facilitate version control in the catalog	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.004	The system should index all artefacts, such as alerts, MIS & Exception reports, by the different metadata defined	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.005	The system should provide a private API to fetch all artefacts for a specific metadata subject to certain criteria such as date range, severity, etc.	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.006	The system should allow searching of the metadata catalog, using metadata or part of report name, to find the different metadata objects	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.007	The system should allow seamless interaction between the search results from the catalogue and the individual metadata objects	Phase 2
Monitoring &	Metadata Catalog	MC.REQ.008	The system should seamlessly integrate the metadata catalog with the report editor to create & edit reports by selecting metadata from the catalog	Phase 2

Monitoring &	Information Shar	IS.REQ.001	System should enable streamlined process for request based exchange with other regulatory bodies	Phase 2
Monitoring &	Information Shar	IS.REQ.002	System should enable secure transmission of data through browser upload, web services and secure FTP mode	Phase 2
Monitoring &	Information Shar	IS.REQ.003	System should enable cooperation and coordination with different data sources	Phase 2
Monitoring &	Information Shar	IS.REQ.004	System should ensure both data and pathway encryption.	Phase 2
Monitoring &	Information Shar	IS.REQ.005	System should have the capability to generate user defined alerts in case of non-receipt of data	Phase 2
Monitoring &	Information Shar	IS.REQ.006	System should destroy a file or part of a file that is received if there is a transmission error.	Phase 2
Monitoring &	Information Shar	IS.REQ.007	System should allow generation of automated requests based on predefined rules	Phase 2
Monitoring &	Information Shar	IS.REQ.008	System should allow generation of requests for additional information related to a previously submitted data point	Phase 2
Monitoring &	Information Shar	IS.REQ.009	System should support major protocols FTP/S, SFTP, HTTP/S, etc.	Phase 2
Monitoring &	Information Shar	IS.REQ.010	System should be able to receive all types of content and formats	Phase 2
Monitoring &	Information Shar	IS.REQ.011	APIs for information sharing should be closed	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.001	The system should present prescribed reports related to the performance of various process owners, and the authorized users	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.002	The system should present key reports as dashboards using intuitive visualization, including charts, dials, gauges and "traffic lights" that indicate the progress of selected/key performance indicators	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.003	The system should enable designated users to develop a customised dashboard.	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.004	The system should enable authorised users to generate reports which are beyond the standard reports	
Monitoring &	Executive Dashbo	ED.REQ.005	Dashboard should be user friendly with ability to design graphs / charts as desired by the user	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.006	User should be able to send the reports over email through the dashboard itself	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.007	System should have ability to download the consolidated reports in formats such as PDF / Word processing / spreadsheets etc. as required	Phase 2
Monitoring &	Executive Dashbo	ED.REQ.008	Dashboard should alert any critical event defined by the user and also send SMS / email to the concerned process owner	Phase 2
Monitoring &	MIS Reports	MIS.REQ.001	System shall be able to automatically generate the MIS reports to the concerned authorities at regular time interval	Phase 2
Monitoring &	MIS Reports	MIS.REQ.002	The Reporting tool should have robust visualizations such as graphs, charts, and histograms	Phase 2
Monitoring &	MIS Reports	MIS.REQ.003	The reporting tool should have slicing and dicing features facilitating ad-hoc management reporting on the fly	Phase 2
Monitoring &	MIS Reports	MIS.REQ.004	The system should present performance indicators and dashboards to authorized users only	Phase 2
Monitoring &	MIS Reports	MIS.REQ.005	The system should publish prescribed standard reports (summary reports, cross tab reports, top eNWR issuance reports, pledge reports etc.) in all the key functions like issuance, transfer, pledge, e-auction, delivery, etc.	Phase 2
Monitoring &	MIS Reports	MIS.REQ.006	The standard reports and MIS should be parameterized to enable users to choose the filters and ranges of their choice	Phase 2
Monitoring &	MIS Reports	MIS.REQ.007	The system should provide capabilities to drill up and down through hierarchies, or expand and collapse entire levels	Phase 2
Monitoring &	MIS Reports	MIS.REQ.008	The system should provide the ability to authorized users for creation of new reports	Phase 2
Monitoring &	MIS Reports	MIS.REQ.009	The platform shall be accessible via a browser using internet protocols. The intention is to enable 'anytime, anywhere' access and to include different types of users as appropriate.	Phase 2
Monitoring &	Exception Report	ER.REQ.001	System should be capable of generating alerts based on exceptions as defined by the Authority from time to time	Phase 2
Monitoring &	Exception Report	ER.REQ.002	System should be capable of aggregation and assessment of data to identify exceptions	Phase 2
Monitoring &	Exception Report	ER.REQ.003	System should be capable of monitoring alerts and high risk scenarios	Phase 2
Monitoring &	Exception Report	ER.REQ.004	System should be capable of assessment of events, feedback and results to assist in fine-tuning the models	Phase 2
Monitoring &	Exception Report	ER.REQ.005	System should provide for reconciliation dashboard from different sources and highlight the inconsistencies	Phase 2
Monitoring &	Exception Report	ER.REQ.006	System should allow for data aggregation in the form of XML from different sources	Phase 2
Monitoring &	Exception Report	ER.REQ.007	System should have the capability of alert suppression to suppress certain types of alerts	Phase 2
Monitoring &	Exception Report	ER.REQ.008	System should allow authorized users to search and filter exception records within list.	Phase 2
Monitoring &	Exception Report	ER.REQ.009	System should allow allocation of exception reports to different assigned users	Phase 2
Monitoring &	Exception Report	ER.REQ.010	System should provide capabilities to drill up and down through hierarchies, or expand and collapse entire levels	Phase 2
Monitoring &	Exception Report	ER.REQ.011	System should present prescribed exceptional indicators in either graphical or tabular format as specified by the Authority	Phase 2
Monitoring &	Alerts	AL.REQ.001	System should be capable of generating alerts based on defined business rules.	Phase 2
Monitoring &	Alerts	AL.REQ.002	System should allow definition of business rules using standard event languages and supported by standard complex event processing engines	Phase 2
Monitoring &	Alerts	AL.REQ.003	System should provide a visual editor for defining business event rules which can also include different risks that need to be monitored	Phase 2
Monitoring &	Alerts	AL.REQ.004	System should display alerts using intuitive visual metaphors in a non-invasive way	Phase 2
Monitoring &	Alerts	AL.REQ.005	System should allow seamless interaction between alerts, different MIS & Exception reports to facilitate actionable intelligence	Phase 2
Monitoring &	Alerts	AL.REQ.006	System should allow suppression of alerts	Phase 2
Monitoring &	Alerts	AL.REQ.007	System should allow adding notes to alerts and facilitate seamless sharing of alerts with other system users	Phase 2
Monitoring &	Alerts	AL.REQ.008	System should provide online reporting of different alerts raised, action taken and current status	Phase 2