



Development of Procurement Planning and Monitoring Software

مکتبہ زندگی



Public Procurement consumes a major portion of public expenditure. Governments all over the world are spending a significant amount of their budgets on public procurement. A reliable information management system is one of the most important element in planning and managing procurements. Therefore, this technological intervention is aimed at ensuring sustainability, accuracy, transparency and accountability of procurement processes in Departments of Health(DoHs), teaching hospitals, other autonomous institutes and in vertical programs for effective monitoring at all levels .

Technical Resource Facility (TRF) along with the development partners took the initiative to improve the procurement practices by refining the Procurement Monitoring tools. A consultative process was followed for development of computer based software for procurement monitoring tools and to design customized training package for relevant DOHs

The following key aspects were considered while refining the tools

- Consistency with Public Procurement Regulation Authority (PPRA)rules and regulations
- Alignment with the local government system
- Peculiar requirements in procurement of health related goods and services
- Developed in consultation with different stakeholders

Gaps and redundancies were identified resulting in taking necessary steps to make these tools compatible with PPRA's regulations.

Procurement Management Information System for Health (Pro MISH)

A strong base and defined set of business process are very much needed for the successful implementation of any Management Information System. That is what exactly has been achieved through refinement of procurement processes, as the refined processes became basis for MIS development. It was made certain that the software would have the flexibility and capacity to adjust for:

- Variance in system requirements in different provinces
- Any minor changes in the procurement system in the province

Each incremental cycle of the software module incorporated requisite changes initiated by the health departments during development of software.



ANNUAL PROCUREMENT PLAN

Year: 2013-2014

Requisition No:

Title of Requisition:

Tentative Date of Launching Bid:

Select Category:

When Required:

Procurement Method: Direct Negotiation

End User: DHU, Lahore

Estimated Value:

Justification:

Attachment: Choose File No file chosen

Item	Description	Specification	Quantity	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add To List"/>

Tenders						
Requisition No	Title	Launching Date	Category	Estimated Value	Attachment	Edit
Punjab Annual Plan No 1	Title of Requisition	01/09/2013	Goods	150000.00	View Attachment	<input type="button" value="Edit"/>

Following steps were undertaken during the software development

a. Need Assessment

During the initial phase, the prerequisites were assessed for the software resulting in the need assessment meetings with the relevant stakeholders.

b. Analysis and Design

The requirements were mapped on technical landscape and software design documents were prepared. These documents explained internal linkages and communication details among core objects and components of the software system.

c. Software Coding

The software coding was according to the international best practices followed for software development. Coding supported service oriented architecture and utilized inherent Object Oriented Programming techniques.

d. Testing

The software testing was done side by side along with software coding as to avoid anomalies.

This software has been developed on the available state of the art technologies which provides web-enabled environment for users to connect and update the information. After finalization and approval of software, the officials managing procurement were trained on the usage of the software.



Current Procurements			Procurement Summary		
Name	Current Activity	Detail	Type	Number	Detail
232		Detail	Goods	7	Detail
23222		Detail			
3435-C		Detail			
12321		Detail			
C1-23		Detail			

Select Type:	Goods	Top Vendors
	Works	Vendor Name
789 Aslam &	Services	Detail
123. ABC	Consultancies	Detail



STEP-1 : Create New Procurement **STEP-2 : Procurement Activity** STEP-3 : Procurement Details STEP-4 : Contract

Note On Procurement

Procurement No: 3435-C
Procurement Type: Goods

Sr.No	Category	Activity Name	Duration(Days)	Responsibility	Monitoring	Planned Date	Actual Date	Subsequent Plan Date	Comments	Proc Staff	Supervisor	Admin Head
1	Bid/Tender Evaluation	Obtaining permission for Procurement	2	Procurement Committee	Departmental Head	6/3/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Bid/Tender Evaluation	Designing & vetting of Specifications	7	Procurement Committee	Departmental Head	6/12/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Bid/Tender Evaluation	Rationalization of Demand as per budget.	5	Procurement Committee	Departmental Head	6/19/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Bid/Tender Evaluation	Preparation of tender Document	5	Procurement Committee	Departmental Head	6/26/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Bid/Tender Evaluation	Obtaining approval of bid document.	5	Procurement Committee	Departmental Head	7/3/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Bid/Tender Evaluation	Preparation of advertisement on PPRA website	2	Procurement Committee	Departmental Head	7/7/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Bid/Tender Evaluation	Publication of advertisement on PPRA website	15	Procurement Committee	Departmental Head	7/28/2014				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Save Proceed

ProMISH Training Workshops

A review of ProMISH was done in the form of consultative sessions with provinces. The rationale behind these consultative sessions was to share the development of refined tools and software with the provinces. These workshops were attended by senior health officials of the provinces, the MS of large hospitals and district level health officials. The feedback received during these workshops gave a sound image that Provincial Health Officials were very eager to adopt new tools introduced through the specialized procurement software 'ProMIS'

Implementation status

- All provinces have shown their consent in favor of adopting this software where as Punjab and Khyber Pakhtunkhwa would head on with its implementation once the Procurement Unit is establishment.
- Provinces have agreed to host the software on their respective facilities which include server and allied hardware and all the necessary bandwidth.
- All the operational issues of the software is agreed to be addressed by the respective provinces. This will essentially require a setup of web server to be hosted on LAN / WAN / intranet or internet as per the priorities of the province. The software is compatible for the above mentioned mediums.
- Software CDs have been handed over to provinces which include the installation manual as well as user guide to run the software.



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