

**INSTALLATION OF ATM MACHINE AT
THE PUNJAB PROVINCIAL COOPERATIVE BANK LTD**

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List of Abbreviations

Sr.No	Abbreviation	Definition
1	PPCBL	Punjab Provincial Cooperative Bank Limited
2	GDP	Gross Domestic Product
3	ATM	Automated Teller Machine
4	B.O.D	Board Of Directors
5	C.E.O	Chief Executive Officer
6	LSPF	Live Stock Project Finance
7	CPL	Crop Production Loan
8	BCWP	Budgeted Cost Of Work Performed
9	KPIs	Key Performance Indicators'
10	SV	Schedule Variance
11	SOPs	Standard Operating Procedures
12	PMO	Project Management Office
13	PTCL	Pakistan Telecommunication Land-line
14	SBP	State Bank Of Pakistan
15	BCWS	Budgeted Cost Of Work Scheduled
16	VoIP	Voice over IP
17	CCB	Change Control Board
18	IT	Information Technology
19	CV	Cost Variance
20	PMBOK	Project Management Body Of Knowledge
21	BCWS	Budgeted Cost Of Work Scheduled

1. Introduction to Organization

Punjab Provincial Cooperative Bank Ltd came into existence since 1924 as Apex Bank and categorized as a specialized scheduled bank since 1955. Being a Specialized bank since inception, PPCBL has been taking the ownership to facilitate the small/ poor borrowers for meeting their Agri-credit requirements. PPCBL is building the life of 400,000 families in whole Punjab through financing at grass root level. It enables the poor villagers to improve their living standard with sense of achievement & success as well.

In October 1976, the Federal Government Promulgated the "Establishment of Federal Bank for Cooperatives and regulation of cooperative banking ordinance", whereby the cooperative banking system in the Punjab was converted from three tiers into two tiers resulting in the dissolution of 46 central/ urban and industrial cooperative banks and banking unions (Central Cooperative Bank). According to the provisions of the ordinance, the undertakings of the Dissolved Cooperative Banks stood transferred to and vested by in the Punjab provincial cooperative Bank Limited on the terms and conditions notified by the provincial Government in order to manage and control the undertakings of the dissolved cooperative Banks. In line with the directions of State Bank of Pakistan and policy of the Government of the Punjab. PPCBL has two status one is "A cooperative Society registered under the cooperative Societies Act 1924" and the other one is "Specialized Schedule Bank from State Bank of Pakistan" since 1955. So if we say that PPCBL is governed by two authorities one is Cooperative department as it is registered as cooperative society and the other one is State Bank of Pakistan. It is performing all the main banking functions of deposit mobilization, supply of credit and provision of remittance facilities with limited banking products and functionally specialists in agriculture related products. PPCBL, as a principle, did not pursue the goal of profit maximization in the early days but now PPCBL want to maximize its profit. It has strong linkages with rural agricultural economy and the main pillar of cooperative movement having a history of over 90 years playing a pivotal role with its service oriented approach.

Since July-2007 State Bank of Pakistan has discontinued the credit line of worth Rs. 8.0 billion and on PPCBL behalf the Punjab Government on September, 2009 had provided the guarantee

for the adjustment of credit limit (presently its fate is to be decided) and stake of the small/poor farmers, with landless or holding land less than 12.5 acre has been safe guarded. Now at this point of time all the available funds have already been disbursed to the poor farmers. Therefore, it is the achievement on the part of Punjab Government that the Government timely intervened and rescues the oldest financial institute in Pakistan. By this way the Government actually rescues the 400,000 families in the Punjab. We pay our warm gratitude on the behalf of PPCBL and all the poor villagers to strengthen and rescue us timely and enforce the slogan of Punjab Government.

Being the only Cooperative Bank in Pakistan, PPCBL is not only catering the financial needs of small/poor farmers in the Punjab rather it is also playing an important role in the economic growth by generating employment in agriculture sector, as agriculture sector employs 45% of manpower in the Punjab and provides livelihood about 70% of population . Moreover, these farmers are incorporating in the GDP as the Agriculture sector has a major contribution around 21% to the country's GDP. Moreover, only Punjab shares almost 55% Punjab country's agriculture.

Major portion of PPCBL's credit portfolio is agro-based. Small farmers are its main beneficiaries who are provided with loans on soft terms mostly without any material security through various cooperative societies. It looks after the financial needs of small clients whom cannot get credit from normal banking channel against collateral. In addition to members of affiliated cooperative societies, the Bank started lending to small farmers in individual capacity since 2001. Most of the lending products of the Bank are micro-finance, designed to alleviate poverty of rural masses. The average loan size of crop production loans is up to Rs.24, 000 per borrower. Almost 50% of total lending is for this product.

The PPCBL is entering the arena of e-banking facilities for their clients. Much awaited task is near completion after that PPCBL will serve its clients in a better way. The PPCBL would be able to achieve said mission with untiring support of the Information Technology Department Government of the Punjab.

1.1 Vision

“To be a well structured and efficient Cooperative financial institution for helping its members and individuals to unite voluntarily for building up their resources and meeting their common socioeconomic needs through democratically controlled enterprise.”

1.2 Mission

“Achieving business excellence by catering the financial requirements of the rural community at the grass root level through provision of quality services and infused values of cooperation in a conducive and supportive environment.”

1.3 Bank Objectives

- Poverty alleviation through promotion of co-operative movement.
- Micro Credit and services to small formers of the Province of Punjab.
- Financial facilitation to the members of Cooperative Societies
- Provide services in general banking, collection of utility bills, payment of foreign remittances & BISP, online banking with ATM facility.

1.4 Branches/Zonal offices in Pakistan (Punjab)

The Punjab provincial cooperative bank limited is a Specialized Scheduled Bank, at present, having 151 branches at district, Tehsil headquarters and important Mandi towns these are regulated by Head Office. The Head Office is Located at Shakra E Quaid-e-Azam, The Mall Road, Bank Square, Lahore.

Network Distribution

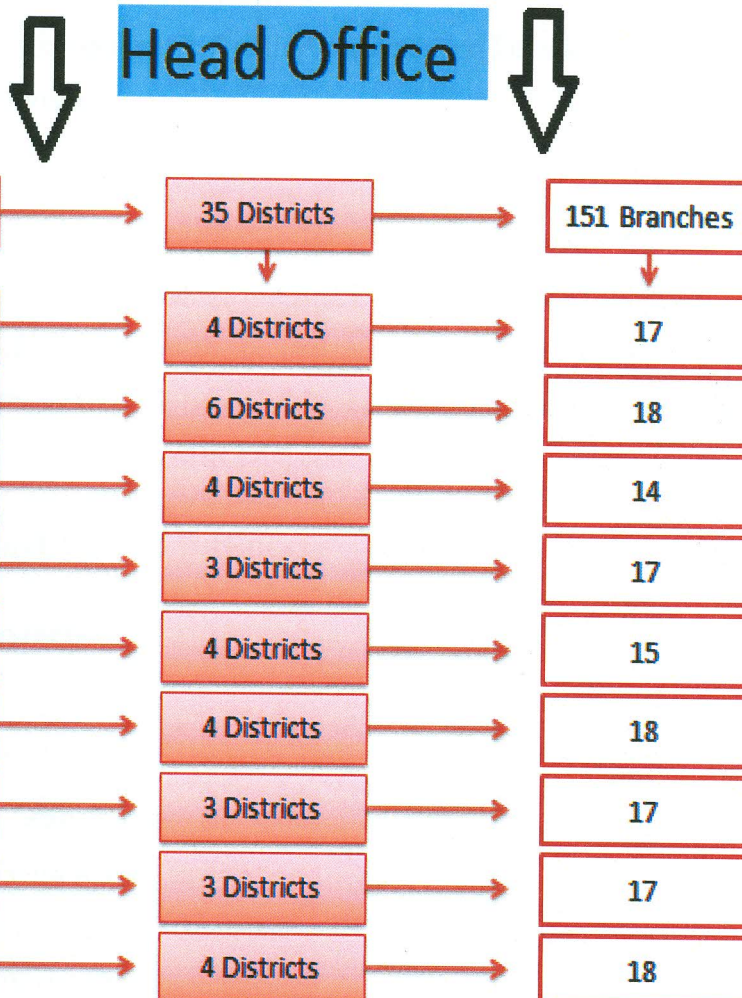


Figure 1: Network Distribution Head Office

1.5 Functional Divisions of Bank

There are eleven functional divisions of bank.

- Business Development Division.
- Finance Division.
- Information Technology Division.
- Internal Control and Compliance Division.

- Operations Division.
- Human Resource Division.
- Legal Division.
- Special Asset Management Division.
- Credit Risk Management & Credit Administration Division.
- Properties Division.
- General Administration Division.

These divisions are developing new strategies/policies for the betterment of the organization, which are approved by the B.O.D/Administrator of the bank. All these Divisions work under the kind supervision of the President/C.E.O of the bank. All these divisions work under the policies framed by the board of directors/administrator of the bank, from time to time and the Policies are conducted by HR Division.

1.6 Major Product Line of Business

1.6.1 Advances Products

For Cooperative Societies

- Agricultural Loans/Finances.
- Revolving Credit (Crop Finance)
- Medium Term Finance to Societies
- Finance To Woman Coop. Societies.
- Livestock Revolving Credit
- Livestock Project Finance

For Individuals

- Agricultural Finance against Pledge of Gold/Ornaments.
- Medium Term Finance (Tractor)
- Finance Against SSCs/DSCs./TDR

- Live Stock Project Finance (LSPF)
- Live Stock Farming (Goat & Sheep)
- Crop Production Loan (CPLI)
- Agricultural Running Finance to Ind. (ARF)
- Running Finance To Small Businessmen (RFSB)

1.6.2 Deposit Products

- Current Account
- Saving Account
- Term Deposit Receipts
- PPCBL Monthly Saver Account
- Kids Education Account
- Basic Banking Account
- Monthly Income Scheme
 - For general public
 - For Senior citizen & widows
 - For cooperative housing societies
- Apna Paisa Apna Munafa (profit in advance)

1.6.3 Banking Operations

- Accounts opening and management.
- Deposits Management.
- General Banking Operations.
- Remittances.
- Lockers.

1.7 Organization Chart

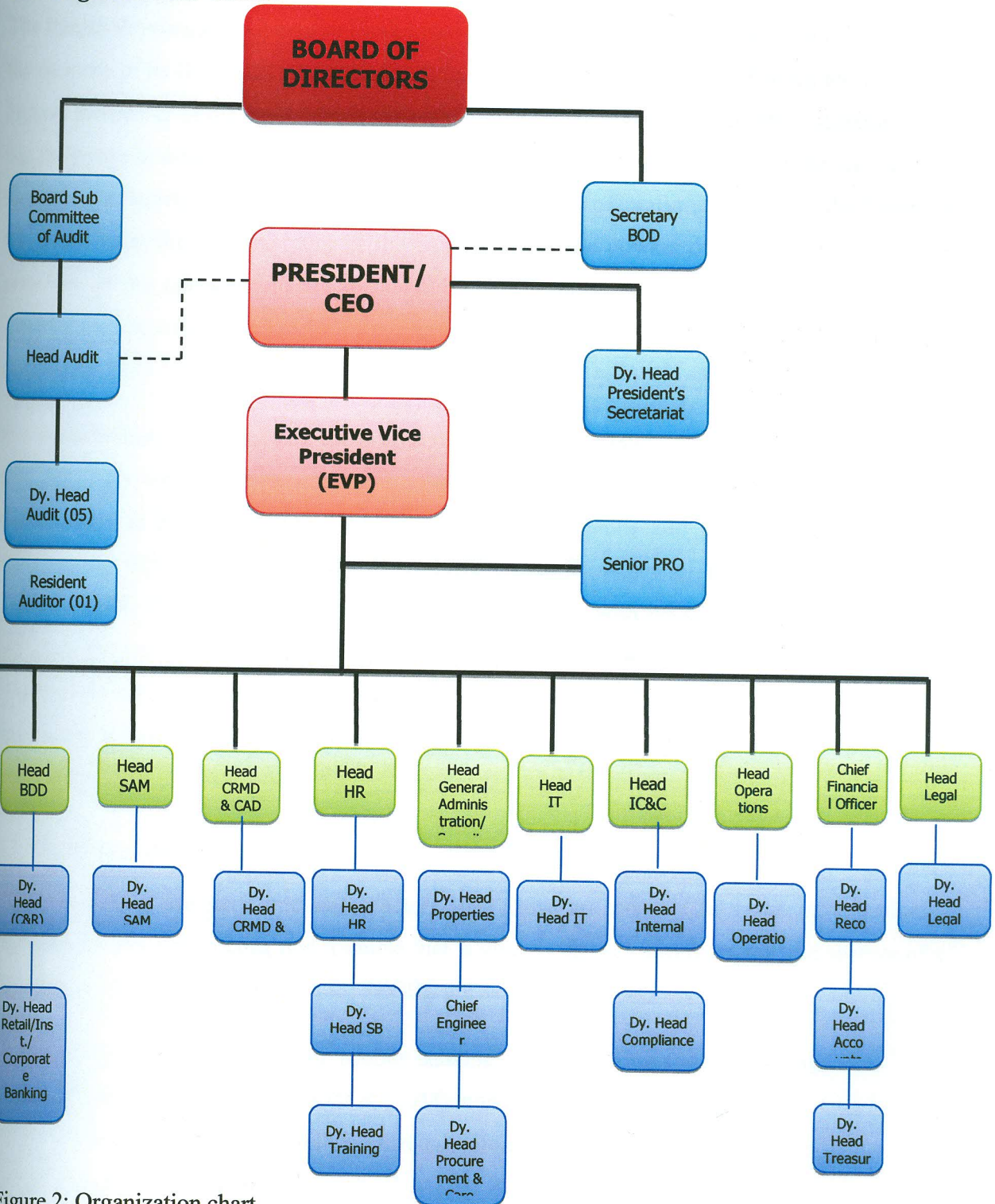


Figure 2: Organization chart

1.8 Organization Culture

The Punjab Provincial Cooperative Bank Limited was highly politically influenced bank because the majority of its B.O.D members were politicians which had drastically influence the quality of Human Resources of the bank. The B.O.D is dissolve by the registrar cooperative societies as he has the power to dissolve the Board of Director of any cooperative society under the provision of Cooperative Society Act 1924, and appointed Administrator of the Bank. Presently, the Secretary Cooperatives is the Administrator of the bank who has the powers of B.O.D. These days the priorities of the management are to maximize profit and remain competitive in the banking industry, for the said purpose bank's human resources are now providing excellence facility to its customers.

For the priorities of maximizing the profit now the bank management are trying hard to change the politically influenced environment to work oriented environment. To attain this goal management at Head office has redesign the job descriptions and highlight the KPIs (key Performance Indicators') to qualify & evaluate the performance of any incumbent through assigned KPIs. The higher performers have been awarding with better grades/ money benefits and poor performers are being warned for improving their performance as par level. It is also important to mention here that Bank's management realized the field staff of the bank that these targets are the minimum bench mark to stay in the organization while sky are the limits for performers.

1.9 Business Drivers

Business drivers are very important factors that cause an increase in value of a business. Business drivers is a process, and resource that is vital for the continued growth and success of a business. And the business drivers for PPCBL are as follows:

- Facilitate customer through Mobile banking, online banking and net banking.
- Deploy new machines (ATMs & CDM) in the branches.
- To build good customer relation through informing them resources.
- Regulatory compliance.

- Security and crime prevention
- Business productivity.
- Enhance efficiency.
- Provide benefits to customers.
- Lending facilities.
- Increase marketing experience.
- Facilitate the customers 24/7.
- Remittance
- Customer's satisfaction.

2.0 EPS (Enterprise Project Structure)

The Enterprise Project Structure (EPS) is a hierarchical based structure that represents how our projects are organized in an organization.

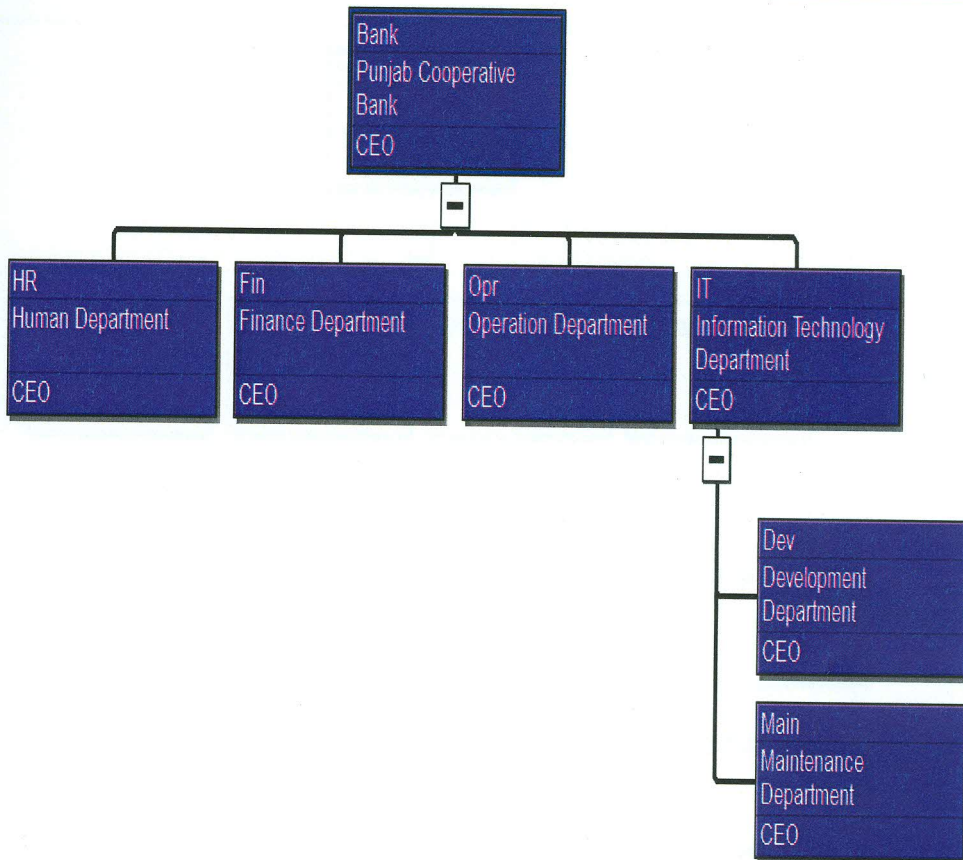


Figure: 3 EPS

3.0 OBS (Organizational Breakdown structure)

The OBS is a hierarchical structure that represents the responsible managers for the project in an organization and it usually reflects the organization management structure.

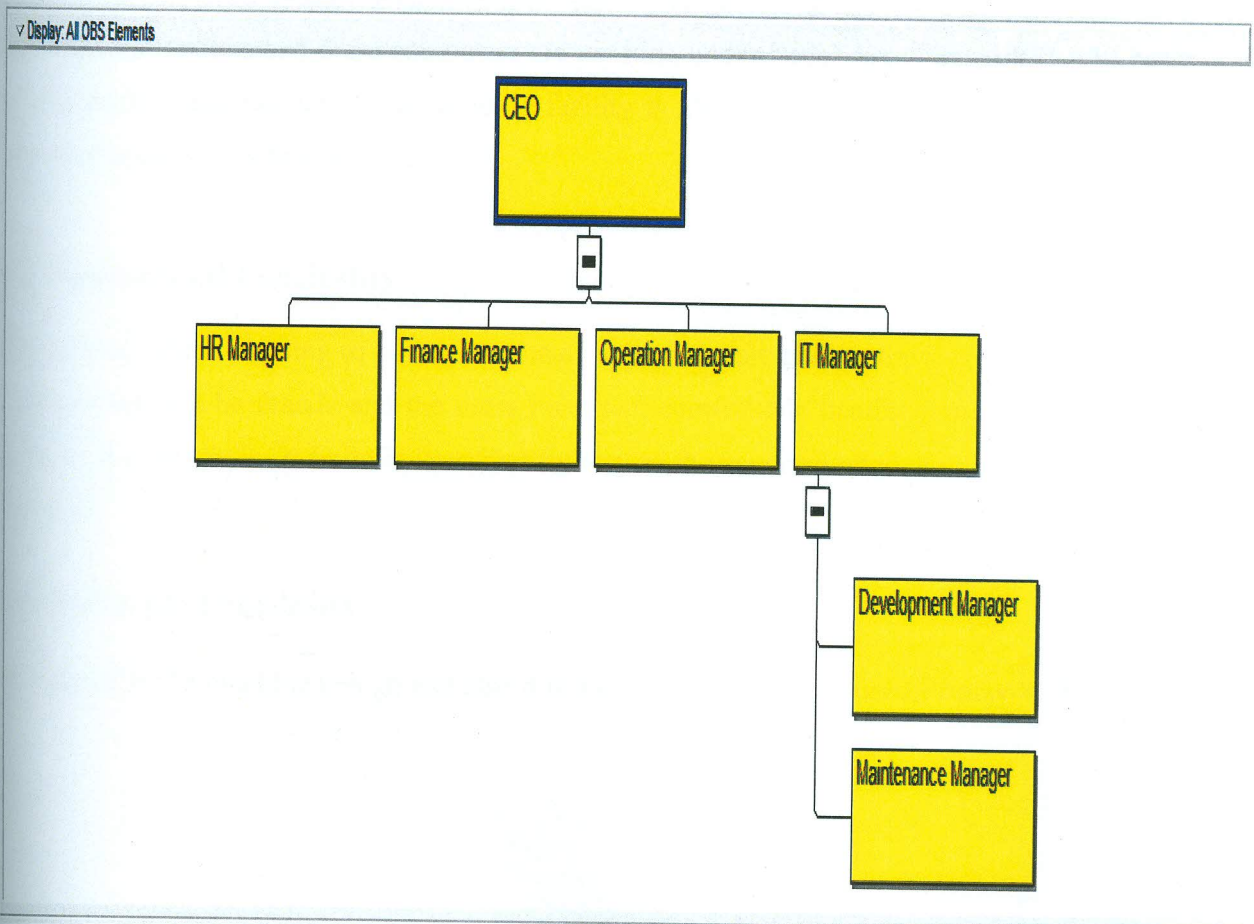


Figure: 4 OBS

4.0 Feasibility of a project

Feasibility studies are necessary for any new project to determine whether a proposed system is feasible, given the organizations constraints and resources. In this study there are three major areas which are technical feasibility, operational and economical feasibility.

4.1 Technical Feasibility

In this part it is ensured that whether the existing hardware, software and technical resources will support the proposed system design. And it was found that the Punjab Provincial Cooperative Bank uses computers and these computers are working under Local Area Network (LAN) based system backup and restore of the database facility is also provided so it is concluded that the proposed system is technically feasible.

4.2 Operational Feasibility

The system, which is going to be implemented, will obviously change the working environment but that must not be drastic and the users must feel comfortable handling and coping with the solution. As the system is build in user friendly way so the new customers within a few times can master it.

4.3 Economic Feasibility

The cost of ATM machine is high and also it is a very sensitive so we used Primavera P6.

5 Project Charter

Version history

Version #	Completed By	Revision Date	Approved By	Approval Date	Comment

1. Version History

Title of the project:

“Install Automatic Teller Machines in Lahore Branch”

Project id

1-16-IT-NO-1226

Project start date

The Project will start on 15th March 2016

Project end date

The Project close on 10th Aug 2016

Project description

The bank wants to facilitate its customer by providing the facilities of the ATM with 1 Link and after that customer can pay their utility bills through ATM machines. This project is very essential for PPCBL because the customers are not satisfying/ not getting facilities and other banks are providing these facilities to their customer. So customer is shifting from PPCBL to other commercial Banks.

Bank profitability is also another factor, so the management of the bank decided to take initiate and Install Automatic Teller Machines in top three profitable branches of the Bank which are the main branches of the Zonal Offices.

So the Main Branch, Lahore, Main Branch Faisalabad, and Main Branch Multan's profitability are high among the other branches, so top management decided to install ATMs in these three branches. And we applied Primavera P6 in Lahore main Branch.

Project purpose

The basic purpose for this project is to create a good image in the eye of customer about the bank and give them the facility to withdraw cash 24/7 at any time.

Project objectives

- To upgrade the bank resources.
- To create a good image in the eyes of customers.

Project milestones

Key Project milestones relative to project start are as follows:

Sr. #	Milestones	Target Date
1	Confirm ATM Ready at Main Branch Lahore.	24/06/2016
2	Procurement	21/04/2016
3	Preparation of ATM room	02/05/2016

Table 1 : Milestones list

Business benefits

It will benefit PPCBL in many shapes, some of which are as follows:-

- The stake holder feels that PPCBL is growing and updating.
- Increase the strength of the organization and overcome the weakness.
- After completion of this project PPCBL can initiate some other projects.

Success criteria

The project should be completed within budget, Time and Scope.

The ATM booth should be up to the standard as describe by SBP.

This project should add value in other projects (Mobile Banking, Online Banking etc.)

High level requirements

- The ATM booth should be secured for the customers.
- The ATM booth should be visible for the customer.
- The entry to branch from ATM booth should be full proof secured by outsider.
- The electricity arrangement should be checked in compliance of SBP regulations.
- SLA agreement should be carefully signed for after sale services.

Constraints

The B.O.D/Administrator of the bank approved the Project. He has approved the amount of Rs 4 Million for the project.

Project must be completed in time duration of 6 Months.

No permanent resources can be hired for the completion of this project.

High level risks

- Launch of new ATM machine will make the use of current machines obsolete.
- Wrong SLA agreement may give rise to Risk.
- ATM security related problems
- Lightning is a major risk factor that will destroy all efforts of the project at once.

Project budget estimates

The Total Budget of the Project is Rs.1295284. Which highlights are as follows:-

Machine Cost Rs.1.00 Million

Contingency Reserves 5% of the total cost.

Roles and responsibilities

Project Sponsor	BOD/Administer Will be the sponsor and he has approving authority for the funds allocated.
Chief Project Officer	Chief Project Officer for the project and will be responsible to efficiently control the project. He is also the final evaluator and the main stakeholder. He will hand over all the deliverables.
Project Manager	Responsible for all activities of the project and approvals relevant to the project. He is also responsible for requesting for any functional staff required in the project. Project Manager will coordinate with functional staff and efficiently control the projects under the supervision of Chief Project Officer.
Corporate Management committee	The corporate management committee is responsible for carrying out the monitoring and evaluation and major decision on the project success. It is also responsible to work as the Change Control Board for the project
Team Members	The project team consisting of a project manager, assistant project manager and two officer will work to execute the project
Stakeholders	All staff members of the organization and citizens/customers are the stake holders for this project. They will be consulted regularly on issues relevant to the project.

Table 2: Roles and Responsibilities

Stakeholders list

The key stakeholders are:

- Project Director
- Chief Information office
- Project manager
- Project team
- Customers/users
- Bank staff
- Supplier
- BOD
- Sponsor

Project charter approval and authorization

The authorized project manager for this project is “**Chief Information officer/SVP**” for this project, who is responsible for efficiently completion of this project. The Project Team will be consisted of Assistant Project Manager from IT Division and other are branch managers of relevant branch

The authorized change will be initiated by the Project Manager. If the change is more than 5% of Time, Cost and Scope then it will be initiated by the Project Manager, Further that will be discussed in the Corporate Management Committee meeting and if all the participants approve the change then that change will be implemented in executing.

Signatures

The signatures of the people below document approval of the formal Project Charter. The project manager is empowered by this charter to proceed with the project as outlined in the charter.

Signature: _____

Date: _____

Name: _____

Role: _____

Signature: _____

Date: _____

Name: _____

Role: _____

6.0 P6 employs PM concepts of PMI

To enhance and improve project management skills it is very important that the project professionals must have skills and knowledge on primavera p6. It gives unique monitoring, control and insights to project managers, employees planners who are involved in a project.

Project activities forecasting

As the project progress the project managers may need additional resources and activities to meet the customer's requirements and demands so with in primavera p6 project managers can create forecasts for activities, resources and other project requirements.

Risks

When our project schedule has errors or inconsistencies project expenses will increase. Primavera p6 helps to identify and mitigate risks in planning and managing a project.

Tracking features

The Primavera P6 tracking features allow project managers to rapidly generate reports and ensure that all projects are completed on time and it maintain baseline as for project management it is important that projects should complete on time.

Project Schedule

It plan and schedule the projects from simplest to the most complex by allowing users access to the schedule. Workers may also allow creating their schedules within software from their location.

Monitoring of project

Monitoring of a project is a key step in project management from planning to close phase of a project and Primavera P6 monitor and visualizes project performance against plan.

Communication

Communication between project team and project stakeholders is very important for the good management of a project. Primavera P6 enables high level staff to communicate with project managers, workers and planners easily.

Breakdown complex Projects

The large and complex projects need to breakdown into smaller units to manage them efficiently. Primavera P6 allows project managers to break larger projects into smaller tasks, activities and achievable projects.

Dependency analysis

It orders the project tasks which are established by WBS and determining the sequential order of these tasks.

7.0 Difference between Primavera P6 and Ms Project

S.#	MS Project	Primavera P6
1	Only 11 baselines can be created	Unlimited baselines can be created
2	lacks the feature of tracking project issues or risks	Record issues and risks
3	Only one relationship can be made between two activities.	More than one type of relationship can be established between activities
4	Activities are indented to make them look like WBS	WBS is created separated from activities
5	Can be done in MS Project too but since MS Project is not intended for multiple project use. It doesn't allow us to do things like we can do in Primavera like multiple project tracking, multiple project or WBS comparisons, cost and units calculations	Multiple projects can be created and viewed
6	We cannot do this in MS Project	Besides Costs, in Primavera project expenses e.g. training, travel, etc can also be added
7	Doesn't allow multiple users to work on a single project at the same time	Allow multiple users to work on a single project at the same time
8	Does not such options	Primavera P6 plans, documents and other information can be converted to HTML directly from the software

Table: 3 Primavera and MS Project differences

8.0 Planning using P6

Planning is making decisions with the objective of influencing the future that what tasks will be performed, how they will be performed and who will perform the tasks. For planning of a Project in Primavera P6 we are following different steps.

Planning in P6 will start by defining OBS which is used to define hierarchy than OBS (Organization Breakdown Structure) will be made next step is to made EPS (Enterprise Project Structure) which is a hierarchy used to organize projects after that new project is created by entering its name .WBS is created for a project and add activities than project start and end dates are entered than activity type is selected according to the activity function in the project and types are task dependent, resource dependent, WBS summary, start milestone, finish milestone and level of effort and defining activity relationships and predecessors for each activity. Calendar is assigned for each activity to schedule activities and level resources which are global calendar, resource and project calendar.

In next step resources are defined and assigned to activities according to their function in the project whether it is a material resource, labor or non-labor.

Next is to schedule the project to determine whether the activities will take place in which data date is used as a starting point of project.

Than update the progress and schedule and baseline is maintained and update and project will run and reports will generate for a project.

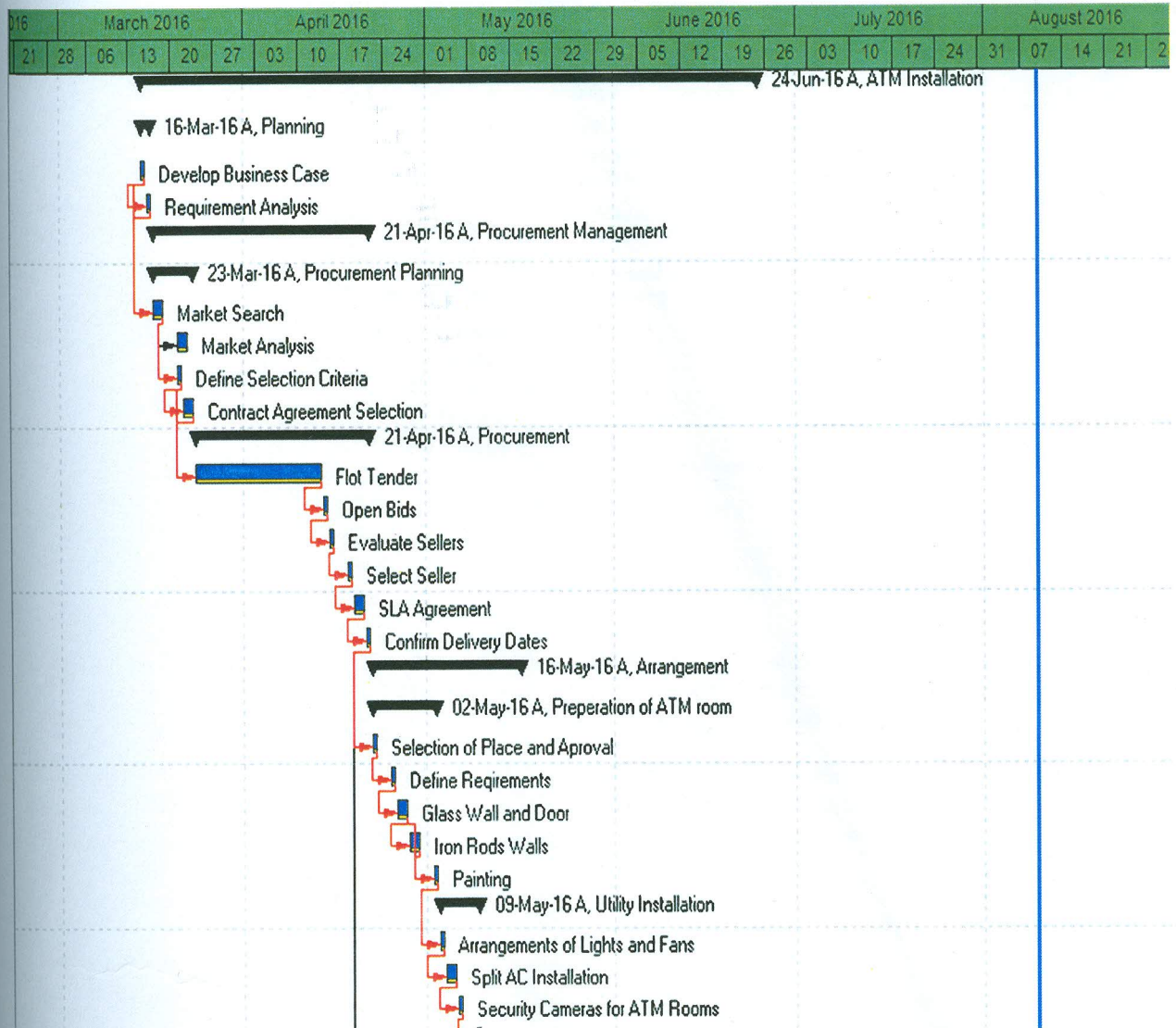
9.0 Scheduling using P6

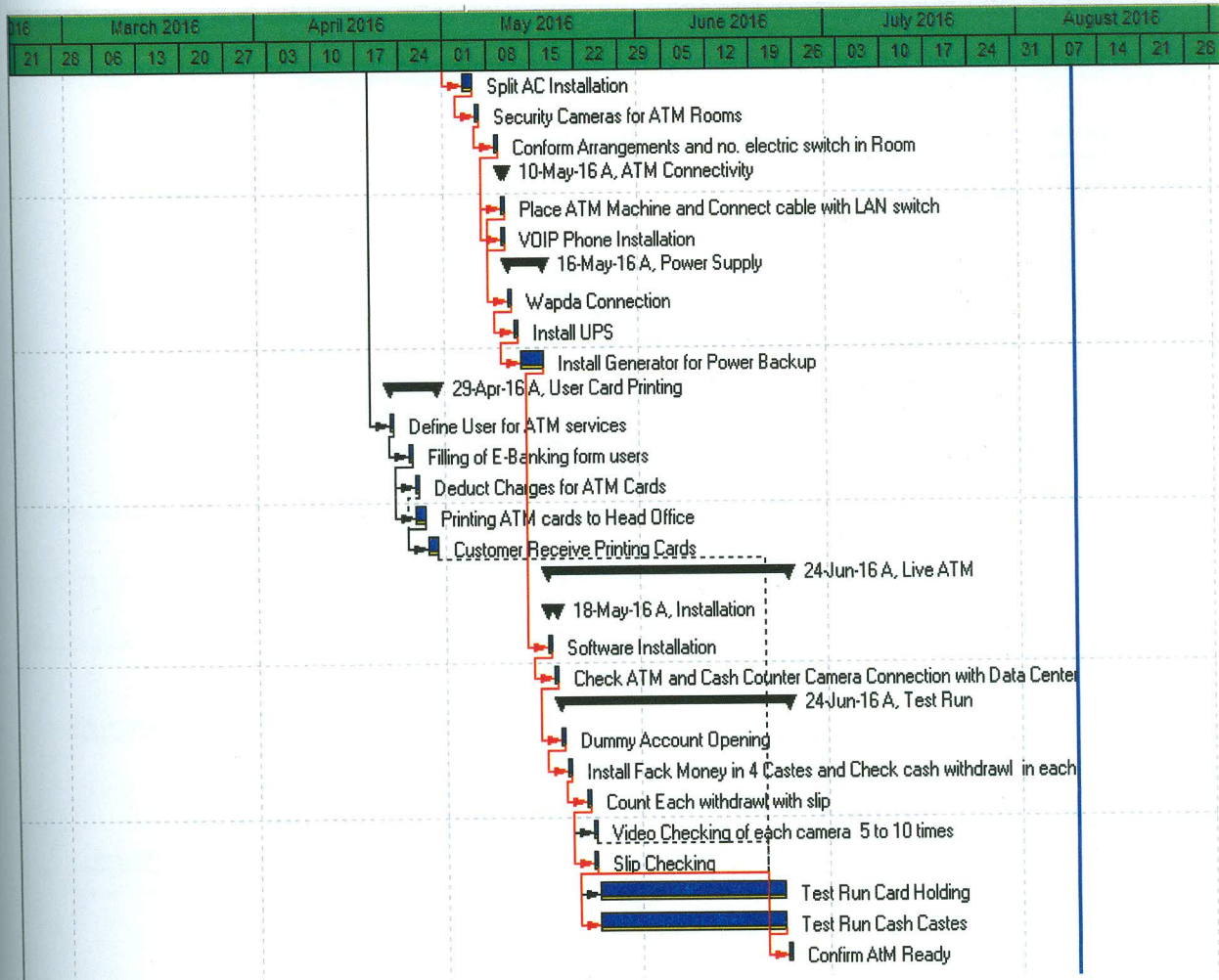
Scheduling is very important in projects for reducing and controlling the project delays. For project scheduling in Primavera P6 we make an activity list and duration estimates for each activity and set start and finish dates for each activity in list and define dependencies between activities. By scheduling we find the critical activities of a project.

Activity Name	Activity ID	Original	Start	Finish	Actual Cost	Planned Value Cost	Earned Value Cost	Activity %	Schedule Variance	Schedule	Cost Variance	Cost Performance	Variance At	Estimate To	Estimate At	To Complete	Budget At	Resource
ATM Installation		74	15-Mar-1	24-Jun-1	R1,295,264	R1,295,264	R1,295,264		PKR0	1.00	PKR0	1.00	PKR0	PKR0	1,295,264	0.00	1,295,264	
Planning		2	15-Mar-1	16-Mar	PKR5,328	PKR5,328	PKR5,328		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR5,328	0.00	PKR5,328	
Requirement Analysis	A1020	1	16-Mar-1	16-Mar	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
Develop Business Case	A1010	1	15-Mar-1	15-Mar	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
Procurement Management		26	17-Mar-1	21-Apr	PKR44,512	PKR44,512	PKR44,512		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR44,512	0.00	PKR44,512	
Procurement Planning		5	17-Mar-1	23-Mar	PKR12,632	PKR12,632	PKR12,632		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR12,632	0.00	PKR12,632	
Contract Agreement Selection	A1050	2	22-Mar-1	23-Mar	PKR5,328	PKR5,328	PKR5,328	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR5,328	0.00	PKR5,328	Project M
Define Selection Criteria	A1040	1	21-Mar-1	21-Mar	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
Market Analysis	A1030	2	21-Mar-1	22-Mar	PKR2,320	PKR2,320	PKR2,320	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,320	0.00	PKR2,320	Assistant
Market Search	A1000	2	17-Mar-1	18-Mar	PKR2,320	PKR2,320	PKR2,320	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,320	0.00	PKR2,320	Assistant
Procurement		21	24-Mar-1	21-Apr	PKR31,880	PKR31,880	PKR31,880		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR31,880	0.00	PKR31,880	
Confirm Delivery Dates	A1110	1	21-Apr-1	21-Apr	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
SLA Agreement	A1100	2	19-Apr-1	20-Apr	PKR5,328	PKR5,328	PKR5,328	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR5,328	0.00	PKR5,328	Project M
Select Seller	A1090	1	18-Apr-1	18-Apr	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
Evaluate Sellers	A1080	1	15-Apr-1	15-Apr	PKR2,664	PKR2,664	PKR2,664	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,664	0.00	PKR2,664	Project M
Open Bids	A1070	1	14-Apr-1	14-Apr	PKR1,160	PKR1,160	PKR1,160	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,160	0.00	PKR1,160	Assistant
Flot Tender	A1060	15	24-Mar-1	13-Apr	PKR17,400	PKR17,400	PKR17,400	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR17,400	0.00	PKR17,400	Assistant
Arrangement		17	22-Apr-1	16-May	R1,213,360	R1,213,360	R1,213,360		PKR0	1.00	PKR0	1.00	PKR0	PKR0	1,213,360	0.00	1,213,360	
Preparation of ATM room		7	22-Apr-1	02-May	PKR179,880	PKR179,880	PKR179,880		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR179,880	0.00	PKR179,880	
Painting	A1160	1	02-May-1	02-May	PKR16,400	PKR16,400	PKR16,400	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR16,400	0.00	PKR16,400	Painter, I
Iron Rods Walls	A1150	2	28-Apr-1	29-Apr	PKR161,040	PKR161,040	PKR161,040	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR161,040	0.00	PKR161,040	Iron Rod
Glass Wall and Door	A1140	2	26-Apr-1	27-Apr	PKR1,280	PKR1,280	PKR1,280	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,280	0.00	PKR1,280	Carpente
Define Requirements	A1130	1	25-Apr-1	25-Apr	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch I
Selection of Place and Approval	A1120	1	22-Apr-1	22-Apr	PKR1,160	PKR1,160	PKR1,160	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,160	0.00	PKR1,160	Assistant
Utility Installation		5	03-May-1	03-May	PKR16,760	PKR16,760	PKR16,760		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR16,760	0.00	PKR16,760	
Conform Arrangements and no.	A1200	1	09-May-1	09-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch I
Security Cameras for ATM Roo	A1190	1	06-May-1	06-May	PKR11,600	PKR11,600	PKR11,600	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR11,600	0.00	PKR11,600	Security
Split AC Installation	A1180	2	04-May-1	05-May	PKR3,440	PKR3,440	PKR3,440	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR3,440	0.00	PKR3,440	Electrics
Arrangements of Lights and Fan	A1170	1	03-May-1	03-May	PKR1,720	PKR1,720	PKR1,720	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,720	0.00	PKR1,720	Electrio

ATM Connectivity		1	10-May	10-May	PKR01,728	PKR01,728	PKR01,728		PKR0	1.00	PKR0	1.00	PKR0	PKR0	R801,728	0.00	R801,728	
VOIP Phone Installation	A1220	1	10-May	10-May	PKR1,680	PKR1,680	PKR1,680	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,680	0.00	PKR1,680	VOIP Phon
Place ATM Machine and Conn	A1210	1	10-May	10-May	PKR800,048	PKR800,048	PKR800,048	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	R800,048	0.00	R800,048	Vander Tei
Power Supply		4	11-May	16-May	PKR207,680	PKR207,680	PKR207,680		PKR0	1.00	PKR0	1.00	PKR0	PKR0	R207,680	0.00	R207,680	
Install Generator for Power Bac	A1250	2	13-May	16-May	PKR203,440	PKR203,440	PKR203,440	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	R203,440	0.00	R203,440	Generator,
Install UPS	A1240	1	12-May	12-May	PKR2,520	PKR2,520	PKR2,520	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,520	0.00	PKR2,520	Electrithion,
Wapda Connection	A1230	1	11-May	11-May	PKR1,720	PKR1,720	PKR1,720	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,720	0.00	PKR1,720	Electrics Wv
User Card Printing		6	22-Apr-1	29-Apr-	PKR7,312	PKR7,312	PKR7,312		PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR7,312	0.00	PKR7,312	
Customer Receive Printing Carr	A1300	2	28-Apr-1	29-Apr-	PKR2,320	PKR2,320	PKR2,320	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,320	0.00	PKR2,320	Operator
Printing ATM cards to Head Off	A1290	2	26-Apr-1	27-Apr-	PKR2,320	PKR2,320	PKR2,320	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR2,320	0.00	PKR2,320	Operator
Deduct Charges for ATM Cards	A1280	1	26-Apr-1	26-Apr-	PKR1,336	PKR1,336	PKR1,336	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,336	0.00	PKR1,336	Operationa
Filing of E-Banking form users	A1270	1	25-Apr-1	25-Apr-	PKR1,336	PKR1,336	PKR1,336	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,336	0.00	PKR1,336	Operationa
Define User for ATM services	A1260	1	22-Apr-1	22-Apr-	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma
Live ATM		29	17-May	24-Jun	PKR32,064	PKR32,064	PKR32,064		PKR0	1.00	PKR0	1.00	PKR0	PKR0	R32,064	0.00	R32,064	
Installation		2	17-May	18-May	PKR0	PKR0	PKR0		PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	
Check ATM and Cash Counter	A1320	1	18-May	18-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma
Software Installation	A1310	1	17-May	17-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Vander Tei
Test Run		27	19-May	24-Jun	PKR32,064	PKR32,064	PKR32,064		PKR0	1.00	PKR0	1.00	PKR0	PKR0	R32,064	0.00	R32,064	
Confirm ATM Ready	A1410	1	24-Jun-1	24-Jun-	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma
Test Run Cash Castes	A1400	22	25-May	23-Jun	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma
Test Run Card Holding	A1390	22	25-May	23-Jun	PKR29,392	PKR29,392	PKR29,392	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	R29,392	0.00	R29,392	Operationa
Slip Checking	A1380	1	24-May	24-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma
Video Checking of each camer	A1370	1	24-May	24-May	PKR1,336	PKR1,336	PKR1,336	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,336	0.00	PKR1,336	Operationa
Count Each withdrawl with slip	A1360	1	23-May	23-May	PKR1,336	PKR1,336	PKR1,336	100%	PKR0	1.00	PKR0	1.00	PKR0	PKR0	PKR1,336	0.00	PKR1,336	Operationa
Install Fack Money in 4 Castes	A1350	1	20-May	20-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Vander Tei
Dummy Account Opening	A1340	1	19-May	19-May	PKR0	PKR0	PKR0	100%	PKR0	0.00	PKR0	1.00	PKR0	PKR0	PKR0	0.00	PKR0	Branch Ma

10 Progress reporting using P6





AC-01 Activity Earned Value

WBS Activity ID	Activity Name	Activity Status	Planned Value Cost	Earned Value Cost	Actual Cost
Bank IT Dev ATM	Punjab Cooperative Bank Information Technology Department Development Department ATM Installation Planning				
ATM.1					
A1010	Develop Business Case	Completed	PKR 2,664	PKR 2,664	PKR 2,664
A1020	Requirement Analysis	Completed	PKR 2,664	PKR 2,664	PKR 2,664
Subtotal			PKR 5,328	PKR 5,328	PKR 5,328
ATM.2	Procurement Management				
ATM.2.1	Procurement Planning				
A1000	Market Search	Completed	PKR 2,320	PKR 2,320	PKR 2,320
A1030	Market Analysis	Completed	PKR 2,320	PKR 2,320	PKR 2,320
A1040	Define Selection Criteria	Completed	PKR 2,664	PKR 2,664	PKR 2,664
A1050	Contract Agreement Selection	Completed	PKR 5,328	PKR 5,328	PKR 5,328
Subtotal			PKR 12,632	PKR 12,632	PKR 12,632
ATM.2.2	Procurement				
A1060	Plot Tender	Completed	PKR 17,400	PKR 17,400	PKR 17,400
A1070	Open Bids	Completed	PKR 1,160	PKR 1,160	PKR 1,160
A1080	Evaluate Sellers	Completed	PKR 2,664	PKR 2,664	PKR 2,664
A1090	Select Seller	Completed	PKR 2,664	PKR 2,664	PKR 2,664

Budget At Completion	Estimate To Complete	Estimate At Completion Cost	Variance At Completion
PKR 2,664	PKR 0	PKR 2,664	PKR C
PKR 2,664	PKR 0	PKR 2,664	PKR C
PKR 5,328	PKR 0	PKR 5,328	PKR 0
PKR 2,320	PKR 0	PKR 2,320	PKR C
PKR 2,320	PKR 0	PKR 2,320	PKR C
PKR 2,664	PKR 0	PKR 2,664	PKR C
PKR 5,328	PKR 0	PKR 5,328	PKR C
PKR 12,632	PKR 0	PKR 12,632	PKR 0
PKR 17,400	PKR 0	PKR 17,400	PKR C
PKR 1,160	PKR 0	PKR 1,160	PKR C
PKR 2,664	PKR 0	PKR 2,664	PKR C
PKR 2,664	PKR 0	PKR 2,664	PKR C

AC-01 Activity Earned Value

WBS	Activity ID	Activity Name	Activity Status	Planned Value Cost	Earned Value Cost	Actual Cost
	A1100	SLA Agreement	Completed	PKR5,328	PKR5,328	PKR5,328
	A110	Confirm Delivery Dates	Completed	PKR2,664	PKR2,664	PKR2,664
	Subtotal			PKR3,188	PKR3,188	PKR3,188
	Subtotal			PKR4,4512	PKR4,4512	PKR4,4512
ATM.3	Arrangement					
	ATM.3.1	Preparation of ATM room				
	A1120	Selection of Place and Approval	Completed	PKR1,160	PKR1,160	PKR1,160
	A1130	Define Requirements	Completed	PKR0	PKR0	PKR0
	A1140	Glass Wall and Door	Completed	PKR1,280	PKR1,280	PKR1,280
	A1150	Iron Rods Walls	Completed	PKR161,040	PKR161,040	PKR161,040
	A1160	Painting	Completed	PKR16,400	PKR16,400	PKR16,400
	Subtotal			PKR179,830	PKR179,830	PKR179,830
	ATM.3.2	Utility Installation				
	A1170	Arrangements of Lights and Fans	Completed	PKR1,720	PKR1,720	PKR1,720
	A1180	Split AC Installation	Completed	PKR3,440	PKR3,440	PKR3,440
	A1190	Security Cameras for ATM Rooms	Completed	PKR11,600	PKR11,600	PKR11,600
	A1200	Conform Arrangements and no. electric switch in Room	Completed	PKR0	PKR0	PKR0

Budget At Completion	Estimate To Complete	Estimate At Completion Cost	Variance At Completion
PKR5,328	PKR0	PKR5,328	PKR0
PKR2,664	PKR0	PKR2,664	PKR0
PKR3,188	PKR0	PKR3,188	PKR0
PKR4,4512	PKR0	PKR4,4512	PKR0
PKR1,160	PKR0	PKR1,160	PKR0
PKR0	PKR0	PKR0	PKR0
PKR1,280	PKR0	PKR1,280	PKR0
PKR161,040	PKR0	PKR161,040	PKR0
PKR16,400	PKR0	PKR16,400	PKR0
PKR179,830	PKR0	PKR179,830	PKR0
PKR1,720	PKR0	PKR1,720	PKR0
PKR3,440	PKR0	PKR3,440	PKR0
PKR11,600	PKR0	PKR11,600	PKR0
PKR0	PKR0	PKR0	PKR0

AC-01 Activity Earned Value

WBS

Activity ID	Activity Name	Activity Status	Planned Value Cost	Earned Value Cost	Actual Cost
Subtotal			PKR1,213,366	PKR1,213,366	PKR1,213,366
ATM.4	Live ATM Installation				
ATM.4.1					
A1310	Software Installation	Completed	PKR0	PKR0	PKR0
A1320	Check ATM and Cash Counter Camera Connection with Data Center	Completed	PKR0	PKR0	PKR0
Subtotal			PKR0	PKR0	PKR0
ATM.4.2	Test Run				
A1340	Dummy Account Opening	Completed	PKR0	PKR0	PKR0
A1350	Install Fake Money in 4 Castes and Check cash withdrawl in each	Completed	PKR0	PKR0	PKR0
A1360	Count Each withdrawl with slip	Completed	PKR1,336	PKR1,336	PKR1,336
A1370	Video Checking of each camera 5 to 10 times	Completed	PKR1,336	PKR1,336	PKR1,336
A1380	Slip Checking	Completed	PKR0	PKR0	PKR0
A1390	Test Run Card Holding	Completed	PKR29,392	PKR29,392	PKR29,392
A1400	Test Run Cash Castes	Completed	PKR0	PKR0	PKR0
A1410	Confirm ATM Ready	Completed	PKR0	PKR0	PKR0
Subtotal			PKR32,064	PKR32,064	PKR32,064

Budget At Completion	Estimate To Complete	Estimate At Completion Cost	Variance At Completion
PKR1,213,366	PKR0	PKR1,213,366	PKR0
PKR0	PKR0	PKR0	PKR0
PKR0	PKR0	PKR0	PKR0
PKR0	PKR0	PKR0	PKR0
PKR0	PKR0	PKR0	PKR0
PKR0	PKR0	PKR0	PKR0
PKR1,336	PKR0	PKR1,336	PKR0
PKR1,336	PKR0	PKR1,336	PKR0
PKR0	PKR0	PKR0	PKR0
PKR29,392	PKR0	PKR29,392	PKR0
PKR0	PKR0	PKR0	PKR0
PKR0	PKR0	PKR0	PKR0
PKR32,064	PKR0	PKR32,064	PKR0

AC-01 Activity Earned Value

WBS

Activity ID	Activity Name	Activity Status	Planned Value Cost	Earned Value Cost	Actual Cost
Subtotal			PKR32,064	PKR32,064	PKR32,064
Subtotal			PKR1,295,264	PKR1,295,264	PKR1,295,264
Subtotal			PKR1,295,264	PKR1,295,264	PKR1,295,264
Subtotal			PKR1,295,264	PKR1,295,264	PKR1,295,264
Subtotal			PKR1,295,264	PKR1,295,264	PKR1,295,264
Total			PKR1,295,264	PKR1,295,264	PKR1,295,264

Budget At Completion	Estimate To Complete	Estimate At Completion Cost	Variance At Completion
PKR32,064	PKR0	PKR32,064	PKR0
PKR1,295,264	PKR0	PKR1,295,264	PKR0
PKR1,295,264	PKR0	PKR1,295,264	PKR0
PKR1,295,264	PKR0	PKR1,295,264	PKR0
PKR1,295,264	PKR0	PKR1,295,264	PKR0
PKR1,295,264	PKR0	PKR1,295,264	PKR0



ATM Installation
Data Date: 10-Aug-18

Report Date: 08-Jun-18 14:05
Primary Baseline: ATM - B

RE-01 Earned Value for WBS and Activities

Activity ID	Activity Name	Planned (BQWP)	Actual (AQWP)	Earned (BQWS)	Variance #	Activity Completion Status
Bank		EV Type: Activity % Complete				
IT		EV Type: Activity % Complete				
Dev		EV Type: Activity % Complete				
ATM		EV Type: Activity % Complete				
ATM.1		EV Type: Activity % Complete				
A1010	Develop Business Case	1	1	1	0	Completed
A1020	Requirement Analysis	1	1	1	0	Completed
Subtotal		2	2	2	0	
ATM.2		EV Type: Activity % Complete				
ATM.2.1		EV Type: Activity % Complete				
A1000	Market Search	2	2	2	0	Completed
A1030	Market Analysis	2	2	2	0	Completed
A1040	Define Selection Criteria	1	1	1	0	Completed
A1050	Contract Agreement Selection	2	2	2	0	Completed
Subtotal		7	7	7	0	
ATM.2.2		EV Type: Activity % Complete				
A1080	Fix Tender	15	15	15	0	Completed
A1070	Open Bids	1	1	1	0	Completed
A1060	Evaluate Sellers	1	1	1	0	Completed
A1090	Select Seller	1	1	1	0	Completed
A1100	SLA Agreement	2	2	2	0	Completed
A1180	Confirm Delivery Dates	1	1	1	0	Completed





ATM Installation
Data Date: 10-Aug-16

Report Date: 08-Jun-16 14:11
Primary Baseline: ATM - B

RE-01 Earned Value for WBS and Activities

Activity ID	Activity Name	Planned (BQWP)	Actual (AQWP)	Earned (BQWS)	Variance At Completion	Activity Status
Subtotal		21	21	21	0	
Subtotal		28	28	28	0	
ATM.3		EV Type: Activity % Complete				
ATM.3.1		EV Type: Activity % Complete				
A1120	Selection of Place and Approval	1	1	1	0	Completed
A1130	Define Requirements	1	1	1	0	Completed
A1140	Glass Wall and Door	2	2	2	0	Completed
A1150	Iron Rods Walls	2	2	2	0	Completed
A1160	Painting	1	1	1	0	Completed
Subtotal		7	7	7	0	
ATM.3.2		EV Type: Activity % Complete				
A1170	Arrangements of Lights and Fans	1	1	1	0	Completed
A1180	Split AC Installation	2	2	2	0	Completed
A1190	Security Cameras for ATM Rooms	1	1	1	0	Completed
A1200	Conform Arrangements and no. electric switch in Room	1	1	1	0	Completed
Subtotal		5	5	5	0	
ATM.3.3		EV Type: Activity % Complete				
A1210	Place ATM Machine and Connect cable with LAN switch	1	1	1	0	Completed
A1220	VOIP Phone Installation	1	1	1	0	Completed





ATM Installation
Data Date: 10-Aug-16

Report Date: 08-Jun-16 14:11
Primary Baseline: ATM - B

RE-01 Earned Value for WBS and Activities

Activity ID	Activity Name	Planned (BQWP)	Actual (AQWP)	Earned (BQWS)	Variance At Completion	Activity Status
Subtotal		2	2	2	0	
ATM.3.4		EV Type: Activity % Complete				
A1230	Wage Connection	1	1	1	0	Completed
A1240	Install UPS	1	1	1	0	Completed
A1250	Install Generator for Power Backup	2	2	2	0	Completed
Subtotal		4	4	4	0	
ATM.3.5		EV Type: Activity % Complete				
A1260	Define User for ATM services	1	1	1	0	Completed
A1270	Filing of EBanking form uses	1	1	1	0	Completed
A1280	Deduct Charges for ATM Cards	1	1	1	0	Completed
A1290	Printing ATM cards to Head Office	2	2	2	0	Completed
A1300	Customer Receive Printing Cards	2	2	2	0	Completed
Subtotal		7	7	7	0	
Subtotal		25	25	25	0	
ATM.4		EV Type: Activity % Complete				
ATM.4.1		EV Type: Activity % Complete				
A1310	Software Installation	1	1	1	0	Completed
A1320	Check ATM and Cash Counter Camera Connection with Data Center	1	1	1	0	Completed
Subtotal		2	2	2	0	

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6/9/2016

Print Preview

ATM Installation
Data Date: 10-Aug-10

Report Date: 09-Jun-10 14:11
Primary Baseline: ATM - B

RE-01 Earned Value for WBS and Activities

Activity ID	Activity Name	Planned (BQWP)	Actual (AQWP)	Earned (BQWS)	Variance At Completion	Activity Status
ATM 4.2		EV Type: Activity % Complete				
A1340	Dummy Account Opening	1	1	1	0	Completed
A1350	Install Fake Money in 4 Cassettes and Check cash withdrawal in each	1	1	1	0	Completed
A1360	Count Each withdrawal with slip	1	1	1	0	Completed
A1370	Video Checking of each camera 5 to 10 times	1	1	1	0	Completed
A1380	Slip Checking	1	1	1	0	Completed
A1390	Test Run Card Holding	22	22	22	0	Completed
A1400	Test Run Cash Cassettes	22	22	22	0	Completed
A1410	Confirm ATM Ready	1	1	1	0	Completed
Subtotal		50	50	50	0	
Subtotal		52	52	52	0	
Subtotal		107	107	107	0	
Subtotal		107	107	107	0	
Subtotal		107	107	107	0	
Subtotal		107	107	107	0	

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5/9/2015

Print Preview

ATM Installation
Data Date: 10-Aug-16

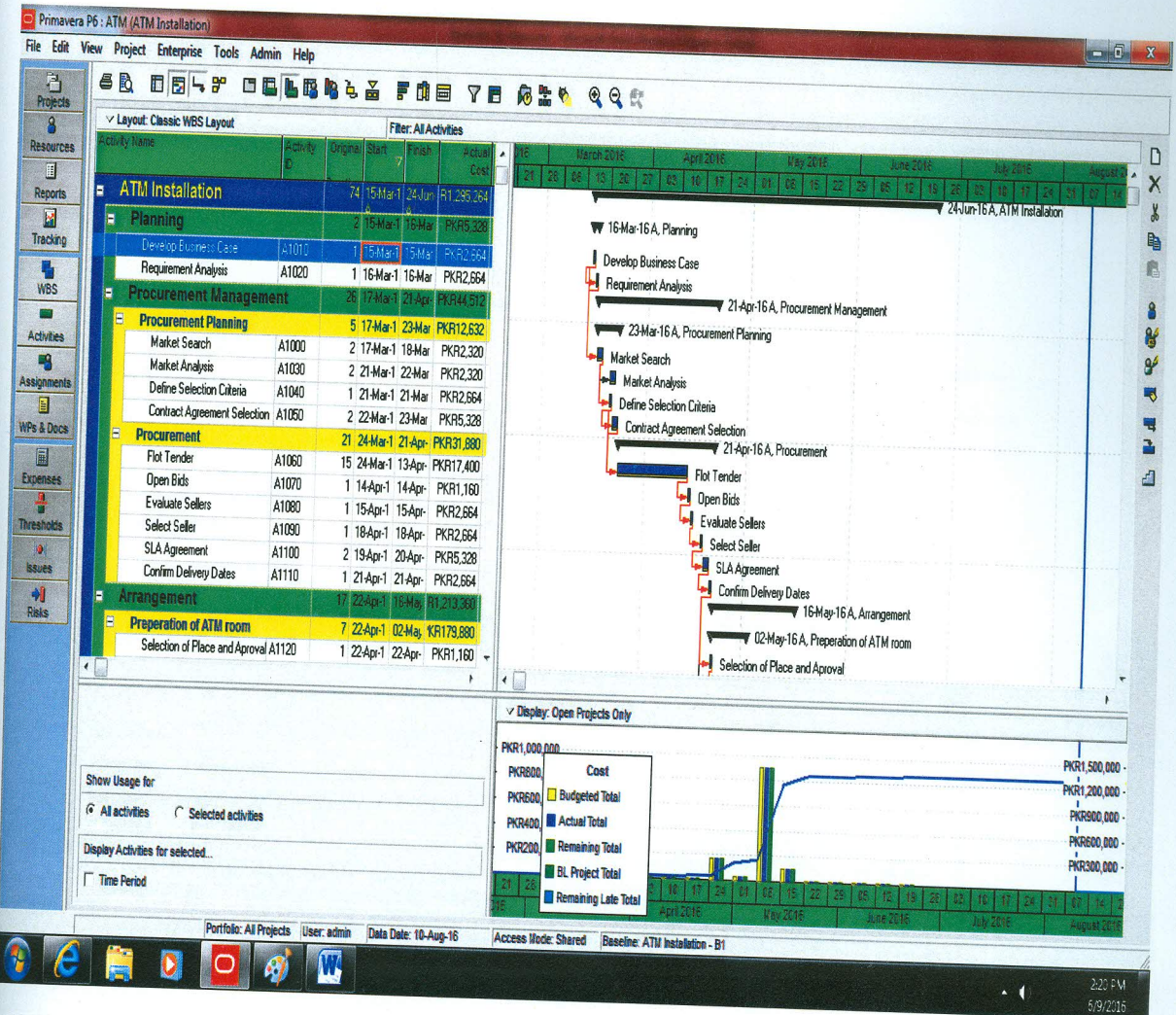
Report Date: 05-Jun-16 14:11
Primary Baseline: ATM - B

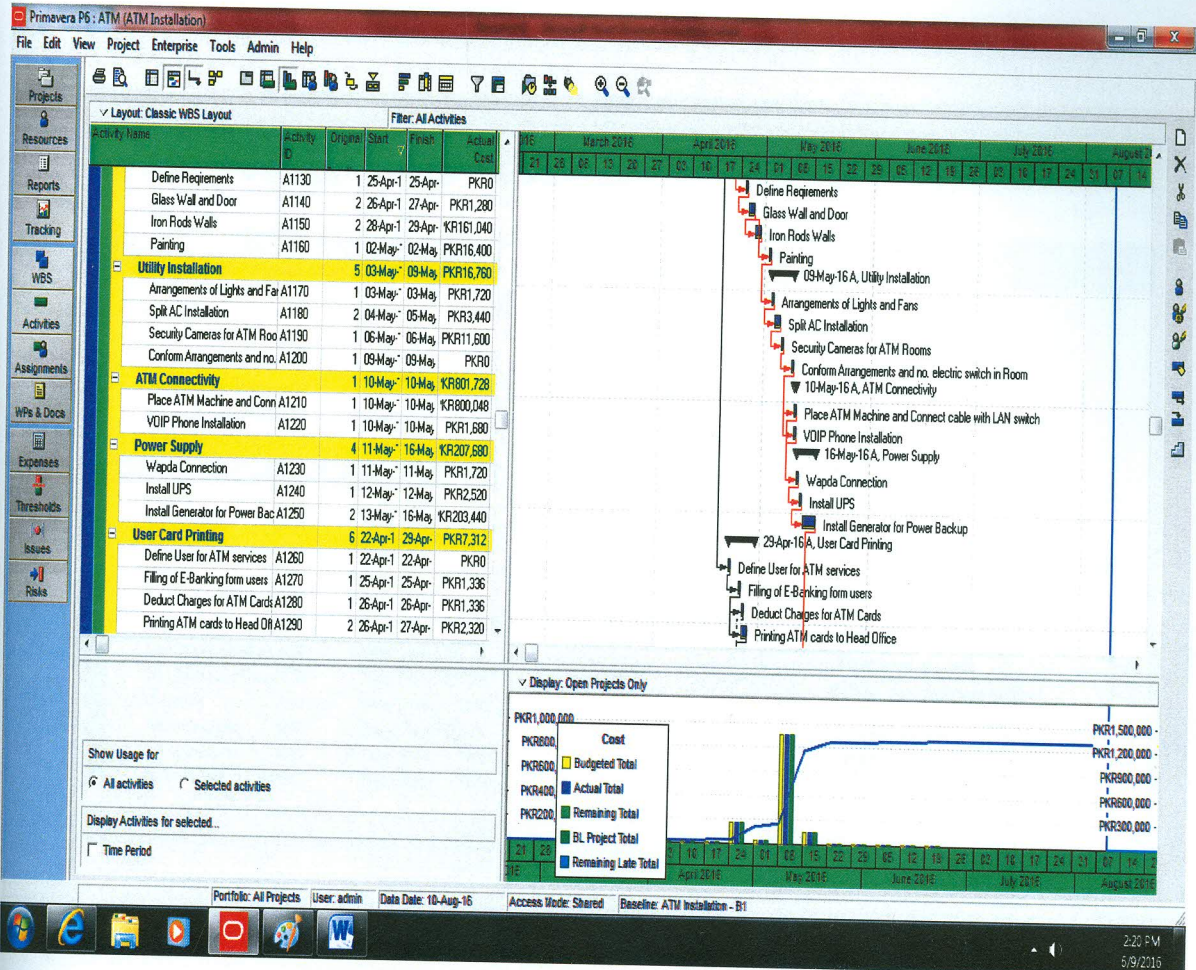
RE-01 Earned Value for WBS and Activities

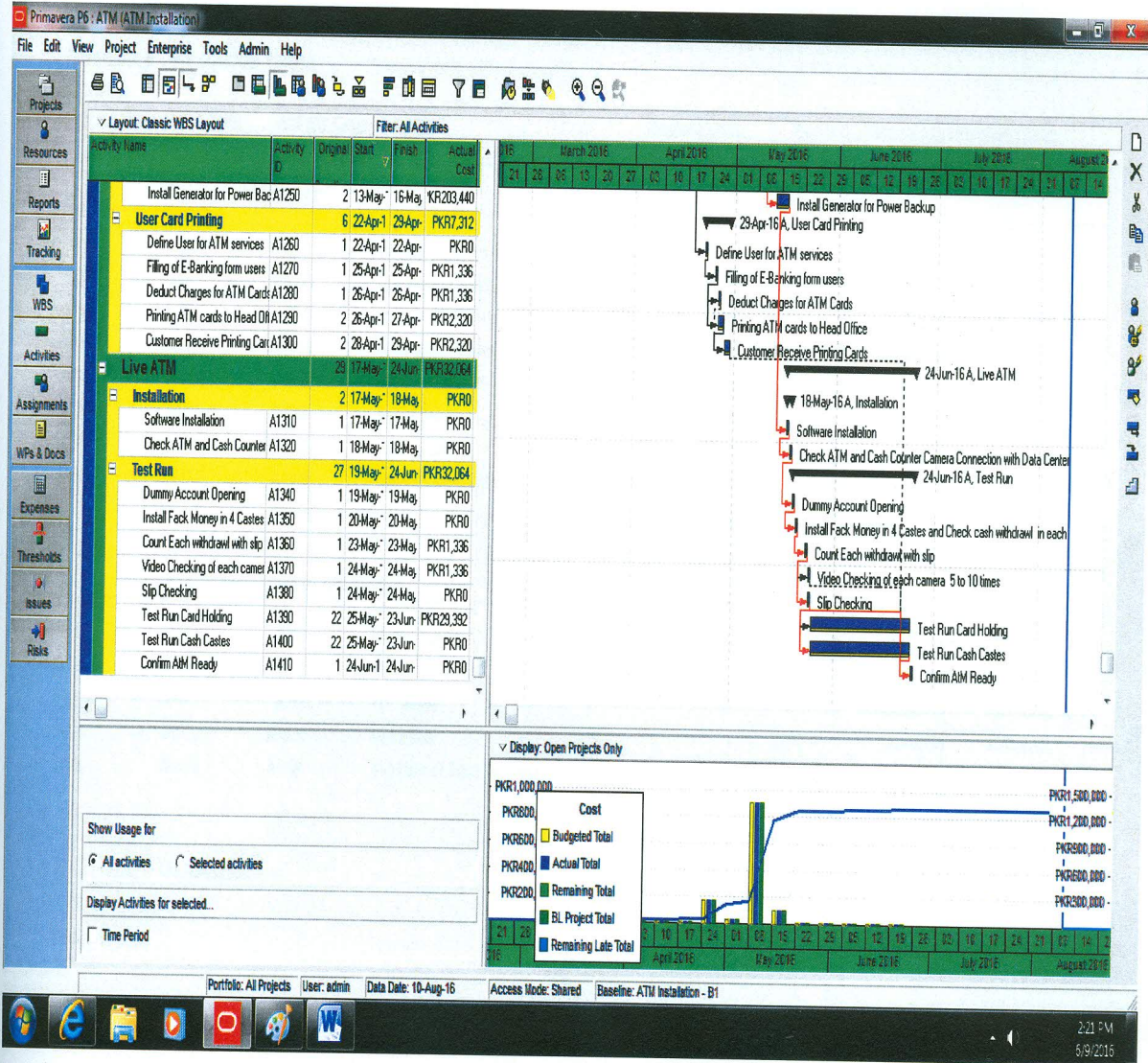
Activity ID	Activity Name	Planned (BQWP)	Actual (AQWP)	Earned (BQWS)	Variance At Completion	Activity Status
Total		107	107	107	0	

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ATM Installation
Report Date 09-Jun-16 14:37

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Resource Name Code

Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
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R Project Manager

ATM	ATM.1	A1010	Develop Business Case	1	1	15-Mar-16	15-Mar-16
ATM	ATM.1	A1020	Requirement Analysis	1	1	16-Mar-16	16-Mar-16
ATM	ATM.2.1	A1040	Define Selection Criteria	1	1	21-Mar-16	21-Mar-16
ATM	ATM.2.1	A1050	Contract Agreement Selection	2	2	22-Mar-16	23-Mar-16
ATM	ATM.2.2	A1080	Evaluate Sellers	1	1	15-Apr-16	15-Apr-16
ATM	ATM.2.2	A1090	Select Seller	1	1	18-Apr-16	18-Apr-16
ATM	ATM.2.2	A1100	SLA Agreement	2	2	19-Apr-16	20-Apr-16
ATM	ATM.2.2	A1110	Confirm Delivery Dates	1	1	21-Apr-16	21-Apr-16
Total				10			

R-1 Assistant Project Manager

ATM	ATM.2.1	A1000	Market Search	2	2	17-Mar-16	18-Mar-16
ATM	ATM.2.1	A1030	Market Analysis	2	2	21-Mar-16	22-Mar-16
ATM	ATM.2.2	A1060	Flot Tender	15	15	24-Mar-16	13-Apr-16
ATM	ATM.2.2	A1070	Open Bids	1	1	14-Apr-16	14-Apr-16
ATM	ATM.3.1	A1120	Selection of Place and Approval	1	1	22-Apr-16	22-Apr-16
Total				21			

R-2 Carpenter

Footer 1

ATM Installation
Report Date 09-Jun-16 14:37

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Resource Name Code

Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
ATM	ATM.3.1	A1140	Glass Wal and Door	2	2	26-Apr-16	27-Apr-16
Total				2			
R-3 Blacksmith							
ATM	ATM.3.1	A1150	Iron Rods Walls	2	2	28-Apr-16	29-Apr-16
Total				2			
R-4 Painter							
ATM	ATM.3.1	A1160	Painting	1	1	02-May-16	02-May-16
Total				1			
R-5 Electrition							
ATM	ATM.3.2	A1170	Arrangements of Lights and Fans	1	1	03-May-16	03-May-16
ATM	ATM.3.2	A1180	Split AC hstallation	2	2	04-May-16	05-May-16
ATM	ATM.3.2	A1190	Security Cameras for ATM Rooms	1	1	06-May-16	06-May-16
ATM	ATM.3.3	A1220	VOIP Phone Installation	1	1	10-May-16	10-May-16
ATM	ATM.3.4	A1230	Wapda Connection	1	1	11-May-16	11-May-16
ATM	ATM.3.4	A1240	Install UPS	1	1	12-May-16	12-May-16
ATM	ATM.3.4	A1250	Install Generator for Power Backup	2	2	13-May-16	16-May-16
Total				9			

Footer 1

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ATM Installation
Report Date 09-Jun-16 14:38

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Code	Resource Name	Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
R-6 Branch Manager									
ATM	ATM.3.1		A1130	A1130	Define Requirements	1	1	25-Apr-16	25-Apr-16
ATM	ATM.3.2		A1200	A1200	Conform Arrangements and no. electric switch in Room	1	1	09-May-16	09-May-16
ATM	ATM.3.5		A1260	A1260	Define User for ATM services	1	1	22-Apr-16	22-Apr-16
ATM	ATM.4.1		A1320	A1320	Check ATM and Cash Counter Camera Connection with Data Center	1	1	18-May-16	18-May-16
ATM	ATM.4.2		A1340	A1340	Dummy Account Opening	1	1	19-May-16	19-May-16
ATM	ATM.4.2		A1380	A1380	Sip Checking	1	1	24-May-16	24-May-16
ATM	ATM.4.2		A1400	A1400	Test Run Cash Castes	22	22	25-May-16	23-Jun-16
ATM	ATM.4.2		A1410	A1410	Confirm ATM Ready	1	1	24-Jun-16	24-Jun-16
Total						29			
R-8 Operator									
ATM	ATM.3.5		A1290	A1290	Printing ATM cards to Head Office	2	2	26-Apr-16	27-Apr-16
ATM	ATM.3.5		A1300	A1300	Customer Receive Printing Cards	2	2	28-Apr-16	29-Apr-16
Total						4			
R-9 Vander Team									
ATM	ATM.3.3		A1210	A1210	Place ATM Machine and Connect cable	1	1	10-May-16	10-May-16

Footer 1

ATM Installation
Report Date 09-Jun-16 14:38

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Resource Name Code

Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
ATM	ATM.4.1	A1310	Software Installation	1	1	17-May-16	17-May-16
ATM	ATM.4.2	A1350	Install Pack Money in 4 Castes and Check cash withdrawl in each	1	1	20-May-16	20-May-16
Total				3			

R-10 Operational Manager

ATM	ATM.3.5	A1270	Filing of E-Banking form users	1	1	25-Apr-16	25-Apr-16
ATM	ATM.3.5	A1280	Deduct Charges for ATM Cards	1	1	26-Apr-16	26-Apr-16
ATM	ATM.4.2	A1360	Count Each withdrawl with slip	1	1	23-May-16	23-May-16
ATM	ATM.4.2	A1370	Video Checking of each camera 5 to 10 times	1	1	24-May-16	24-May-16
ATM	ATM.4.2	A1390	Test Run Card Holding	22	22	25-May-16	23-Jun-16
Total				26			

R-13 Security Camera

ATM	ATM.3.2	A1190	Security Cameras for ATM Rooms	1	1	06-May-16	06-May-16
Total				1			

R-15 Generator

ATM	ATM.3.4	A1250	Install Generator for Power Backup	2	2	13-May-16	16-May-16
Total				2			

Footer 1

ATM Installation
Report Date 09-Jun-16 14:38

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Resource Name
Code

Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
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R-17 Paint

ATM	ATM.3.1	A1160	Painting	8	1	02-May-16	02-May-16
Total				8			

R-18 Iron Rod Walls

ATM	ATM.3.1	A1150	Iron Rods Walls	16	2	28-Apr-16	29-Apr-16
Total				16			

R-19 Electrics Wires

ATM	ATM.3.2	A1170	Arrangements of Lights and Fans	8	1	03-May-16	03-May-16
ATM	ATM.3.2	A1180	Split AC Installation	16	2	04-May-16	05-May-16
ATM	ATM.3.4	A1230	Wapda Connection	8	1	11-May-16	11-May-16
ATM	ATM.3.4	A1240	Install UPS	8	1	12-May-16	12-May-16
ATM	ATM.3.4	A1250	Install Generator for Power Backup	16	2	13-May-16	16-May-16
Total				56			

R-22 UPS

ATM	ATM.3.4	A1240	Install UPS	1	1	12-May-16	12-May-16
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Footer 1

ATM Installation
Report Date 09-Jun-16 14:38

Project Start 15-Mar-16
Project Finish 24-Jun-16
Data Date 10-Aug-16

RA-01 Resource Assignments, All Activities

User's Notes:

Resource Resource Name
Code

Project Code	WBS Code	Activity Code	Activity	Planned Units	Planned Duration	Planned Start	Planned Finish
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				Total	1		
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R-24 VOIP Phone

ATM	ATM.3.3	A1220	VOIP Phone Installation	1	1	10-May-16	10-May-16
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				Total	1		
--	--	--	--	-------	---	--	--

R-26 Network Cable

ATM	ATM.3.3	A1210	Place ATM Machine and Connect cable with LAN switch	8	1	10-May-16	10-May-16
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				Total	8		
--	--	--	--	-------	---	--	--

R-27 ATM Machine

ATM	ATM.3.3	A1210	Place ATM Machine and Connect cable with LAN switch	8	1	10-May-16	10-May-16
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				Total	8		
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06-Jun-16 14:16

RC-02 Resource Control - Summary by Resource

Resource ID	Budgeted Units	Units % Complete	Actual Units	Actual This Period Units	Remaining Units	At Completion Units
R Project Manager	10	100%	10	10	0	10
R-1 Assistant Project Manager	21	100%	21	21	0	21
R-2 Carpenter	2	100%	2	2	0	2
R-3 Blacksmith	2	100%	2	2	0	2
R-4 Painter	1	100%	1	1	0	1
R-5 Electrician	9	100%	9	9	0	9
R-6 Branch Manager	29	100%	29	29	0	29
R-8 Operator	4	100%	4	4	0	4
R-9 Vander Team	3	100%	3	3	0	3
R-10 Operational Manager	26	100%	26	26	0	26
R-13 Security Camera	1	100%	1	1	0	1
R-15 Generator	2	100%	2	2	0	2
R-17 Paint	8	100%	8	8	0	8
R-18 Iron Rod Walls	16	100%	16	16	0	16
R-19 Electrics Wires	56	100%	56	56	0	56
R-22 UPS	1	100%	1	1	0	1
R-24 VOIP Phone	1	100%	1	1	0	1
R-26 Network Cable	8	100%	8	8	0	8

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85%

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2:18 PM
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28-Jun-16 14:16

RC-02 Resource Control - Summary by Resource

Resource ID	Budgeted Units	Units % Complete	Actual Units	Actual This Period Units	Remaining Units	All Completion Units
R-27 ATM Machine	8	100%	8	8	0	8
Total	--	100%	--	--	--	--

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09-Jun-16 14:34

RS-01 Resource Details

Resource ID	Resource Name	Primary Role	Default Units / Time
R	Project Manager		1/d
R-1	Assistant Project Manager		1/d
R-2	Carpenter		1/d
R-3	Blacksmith		1/d
R-4	Painter		1/d
R-5	Electrician		1/d
R-7	Network Administrator		1/d
R-8	Branch Manager		1/d
R-8	Operator		1/d
R-9	Vender Team		1/d
R-10	Operational Manager		1/d
R-11	Internal Customer		1/d
R-12	A/C		1/d
R-13	Security Camera		1/d
R-14	UPS		1/d
R-15	Generator		1/d
R-16	Printer M/C		1/d
R-17	Paint		8/d
R-18	Iron Rod Walls		8/d
R-19	Electrics Wires		8/d
R-20	Lights		5/d
R-21	Split AC		1/d
R-22	UPS		1/d
R-23	Security Camera 2		1/d
R-24	VOIP Phone		1/d
R-25	Printing Machine		1/d
R-26	Network Cable		8/d

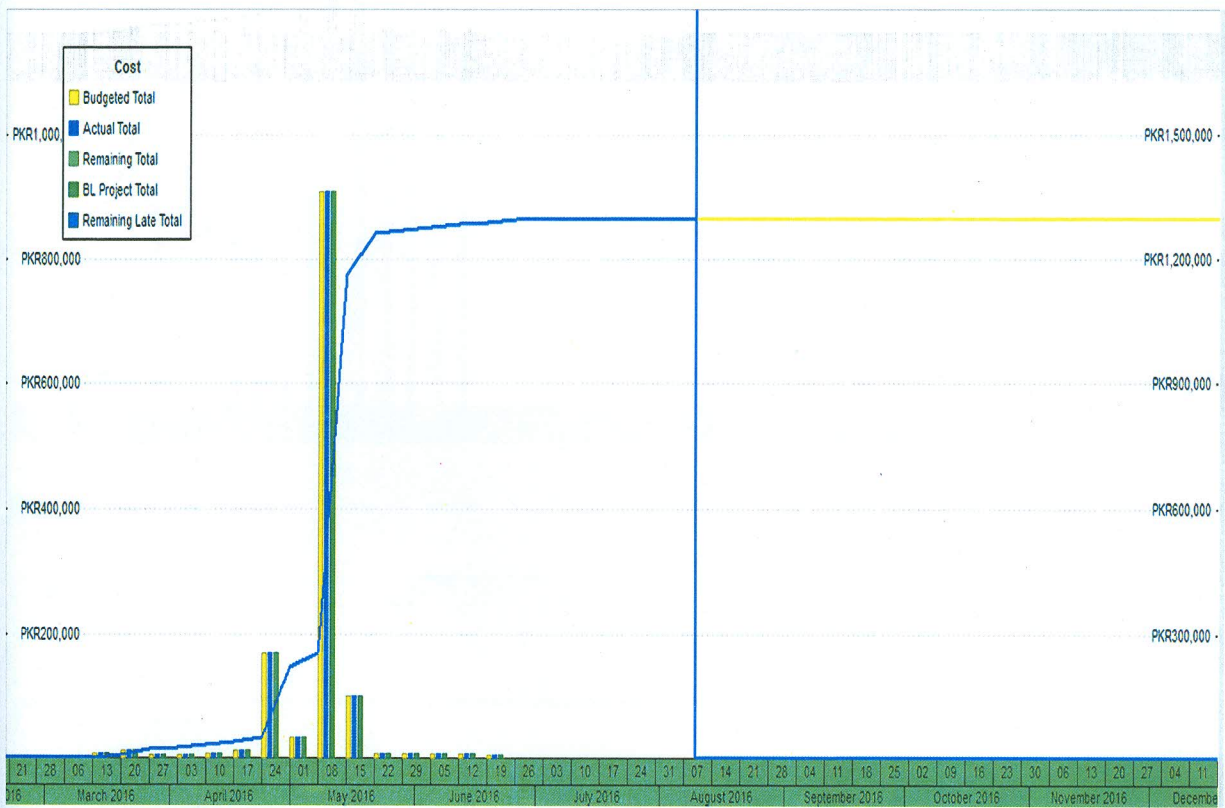
09-Jun-18 14:35

RS-01 Resource Details

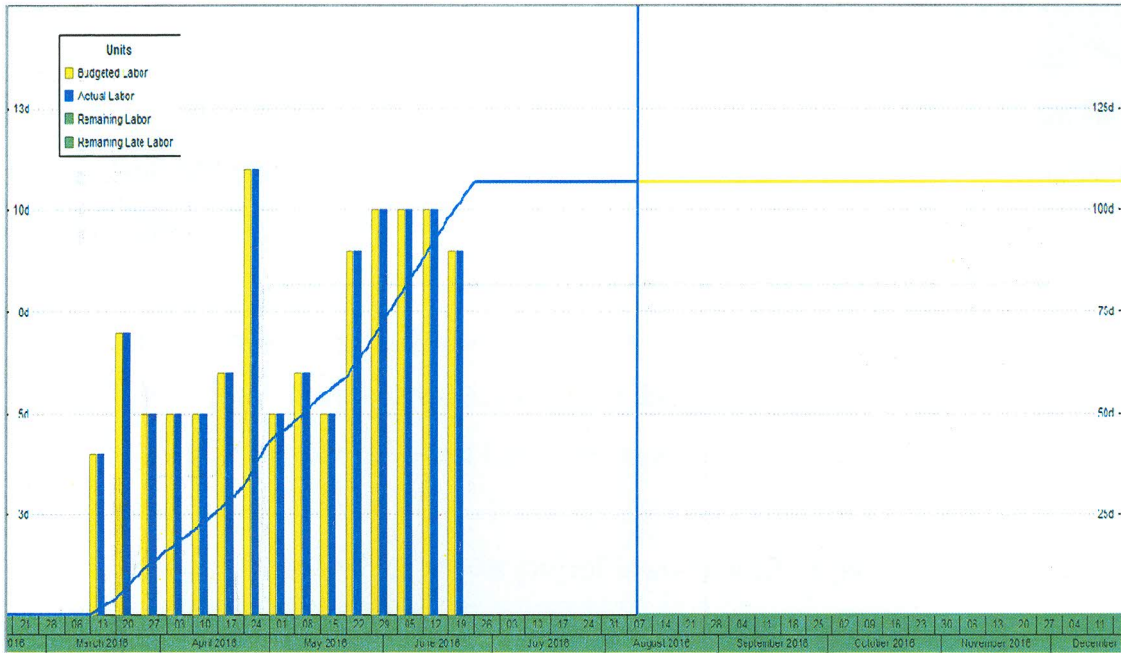
Resource ID	Resource Name	Primary Role	Default Units / Time
R-27	ATM Machine		8/d
Total			--

11 S-Curve

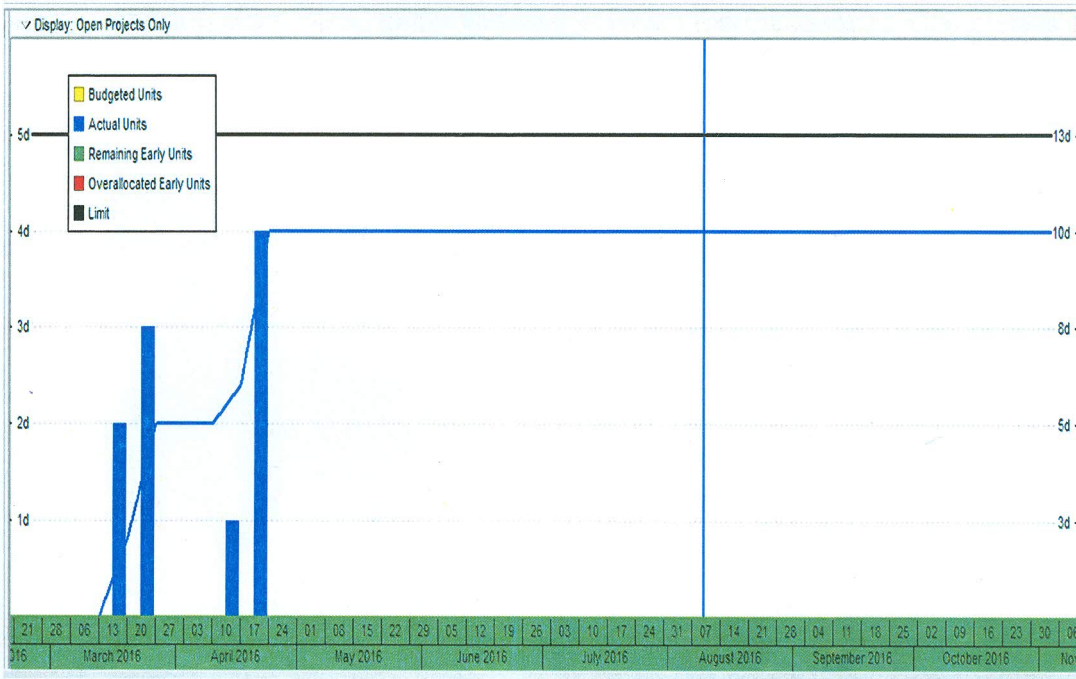
Activity S-Curve



Labor S-Curve



Resource S-Curve



12 Conclusion

Our project is ATM installation at PPCB main branch Lahore. The basic purpose for this project is to create a good image in the eye of customer about the bank and give them the facility to withdraw cash 24/7 at any time. The bank wants to facilitate its customer by providing the facilities of the ATM with 1 Link and after that customer can pay their utility bills through ATM machines. This project is very essential for PPCBL because the customers are not satisfying/ not getting facilities and other banks are providing these facilities to their customer. So customer is shifting from PPCBL to other commercial Banks.

- The total activities of project are 41 and duration is 107 days.
- The Project was completed according to the plan.
- Schedule Variance (SV) and Cost Variance (CV) of a project is 0 which shows there is no variance.
- CPI and SPI is 1 which shows project is going well or project is on schedule and within budget.
- To Complete Performance Index (TCPI) value is 0.
- Variance At Completion (VAC) of a project shows a value of 0 which shows project is within budget. VAC is the variance between the Estimate At Completion and the Budget at Completion.

13 Recommendations

Following are the recommendations concluded from the study:

- Risk related tools should be applied in Primavera training which not a part of our course were.
- Primavera training should be relevant to multiple projects.
- Should have training of Project Management Body of Knowledge.
- Before going to Primavera P6 we must have Projected Field experience.
- Must be computer literate.

14 Issue log

S.no	Issue	Solution	Solved by
1	Layout not appear	Resolved by go to layout from menu bar select classic WBS layout	Trainer
2	Tasks bar not shown on screen	Resolved by go to view select tool bar and then click on directory	Trainer
3	Wizard not shown	Resolved by go to edit and go to user preferences	Trainer
4	Activities are unable	Making new project and enabled activities	Trainer
5	EPS not shown on computer screen	Resolved by go to filter select edit and click on over preferences	Trainer
6	Planned value of project is zero	Resolved by selecting resource dependent task	Trainer
7	Descending and ascending of activities problem	Double click on task bar	Trainer

Table: 4 Issue log

15 References

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16 Annexure

Planning, scheduling and tracking of a residential project using Primavera

The objectives of this study are to plan, schedule and track a residential project with the help of Primavera and it is possible to suggest method which is suitable for the selected residential project by studying the results generated. Unmesh Y. P., & Rohit, R. (2015). Quote in the paper that in the construction projects the proper planning and scheduling is very important for controlling and reducing the delays of the project. Each year large amount of time, resources and money are wasted in a construction industry due to improper planning and scheduling and the construction of projects have become vast and complex with globalization. Planning of such projects requires huge amount of paperwork, which can be reduced with the help of project planning software.

The objectives of this study are:

- To identify construction sequence for a residential building construction.
- To identify scheduling technique used by the organization in developing plan and scheduling.
- To develop scheduling using Primavera project planner's software.
- To track the project and analyze the reasons for delays, and increase in estimated budget etc.
- To investigate defects in the planning and scheduling procedure of the organization, and suggest suitable improvements in their methods

Findings

From this study it is concluded that there are defects in the planning and scheduling procedures of the client than the activities on the sites are thoroughly observed and comparison is made between actual and planned during execution. In schedule delays there are many reasons which are lack of manpower, site management, equipment management and lack of supervision.

It is found that the monitoring and tracking projects using primavera is useful to keep a more precise watch on the contractor's performance.

- After the use of primavera p6 they plan their major projects successfully .They managed the resources and risks in their projects.
- Increased shareholders and stakeholders confidence through risk management with p6.
- They gained the ability to provide key stakeholders with immediate and up to date project status information which improved agility and insight.
- They secured return on investment by avoiding large problems which were delivery delays and resource shortages.

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