



**Institute of
Business Administration
Karachi**

Leadership and Ideas for Tomorrow
Public Procurement Regulatory Authority,
Cabinet Division,
Government of Pakistan,
Federal Bank for Cooperatives Building, G-5/2,
Islamabad., Fax # 051-9224823

Dated: 30-12-2009

SPRA INWARD DIARY
 No. 1734
 Dated 31-12-09
 Sindh Public Procurement
 Regulatory Authority Govt. of Sindh

PUBLIC PROCUREMENT RULES, 2004

EVALUATION RESULT

In compliance to Rule 35 of Public Procurement Rules, 2004, we give hereunder evaluation result of bids received against tender enquiries having value Rs.74 Million, and above issued by IBA Karachi.

- 1- Tender No. **IT/01/2009-10**
- 2- Brief Description of Goods **Data Storage Project**
- 3- Tender closing date and time **14-12-2009 at 03:00pm**
- 4- Tender opening date and time **14-12-2009 at 03:30pm**
- 5- No. of Bidders **Two (2)**

Name of Bidders	Price-wise Position	Remarks / Acceptance	
		Technically	Financially
M/s. UNISYS Pakistan	Lowest	Acceptable	Acceptable
M/s. DWP	-----	Rejected on Technical ground	

Accordingly, purchase orders are being placed on the lowest priced bidder basis:

Item No.	Purchase Order No.	Description	Name of suppliers
01	IT/01/2009-10	Data Storage Project	M/s.UNISYS Pakistan.

Yours faithfully,

Asif
IBA Karachi.

Copy by post to:

PPRA, Islamabad

PUBLIC PROCUREMENT REGULATORY
AUTHORITY (PPRA)

CONTRACT AWARD PROFORMA – I

To Be Filled And Uploaded on PPRA Website In Respect of All
Public Contracts of Works, Services and Goods Worth Fifty
Million or More

- NAME OF THE ORGANIZATION/DEPTT
- Institute of Business Administration
- FEDERAL / PROVINCIAL GOVT. Province Government
- TITLE OF CONTRACT Data Storage Solution
- TENDER NUMBER IT/01/2009-10
- BRIEF DESCRIPTION OF CONTRACT
To achieve implementation of ERP goal, strategy should be upgrade to latest storage system to provide instant access and enhance storage and share folder. Enterprise Storage should provide larger space for the storage of User Mail Boxes and Share Folders for each user. The main purpose of this storage system is to facilitate the ERP users and this should eventually result in higher performance, availability, flexibility and scalability. The proposed storage solution should not be expected to fail in any way that would interrupt user access to data and availability of data should be 99.9%.
- TENDER VALUE 74 Million
- ENGINEER'S ESTIMATE _____
(for civil Works only)
- ESTIMATED COMPLETION PERIOD 100 Days
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN? NO
- ADVERTISEMENT :
 - (i) PPRA Website _____ No
(Federal Agencies) (If yes give date and PPRA's tender number)
 - (ii) News Papers Yes/No (SBD send to already pre-qualified vendors for this project of IBA, Karachi)
(If yes give names of newspapers and dates)
- TENDER OPENED ON (DATE & TIME) 14-12-2009 at 03:30pm



➤ NATURE OF PURCHASE Local / International Local

➤ EXTENSION IN DUE DATE (If any) NO

-: 2 :-

➤ NUMBER OF TENDER DOCUMENTS SOLD Deliver the SBD to all Pre Qualified Vendors of IBA (25).

➤ WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS NO (If yes enclose a copy).

➤ WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS YES Appendix-B (If yes enclose a copy).

➤ WHICH METHOD OF PROCUREMENT WAS USED: - (Tick one)

a) SINGLE STAGE – ONE ENVELOPE PROCEDURE _____ NO

b) SINGLE STAGE - TWO ENVELOPE PROCEDURE. _____ YES

c) TWO STAGE BIDDING PROCEDURE. _____ NO

d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE. _____ NO

- PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED WITH BRIEF REASONS (i.e EMERGENCY, DIRECT CONTRACTING, NEGOTIATED TENDERING ETC.)

- WHO IS THE APPROVING AUTHORITY Audit&Finance Committee of IBA, Karachi.

➤ WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING.

➤ NUMBER OF BIDS RECEIVED TWO (02)

➤ WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER YES

➤ WHETHER INTEGRITY PACT WAS SIGNED YES



PUBLIC PROCUREMENT REGULATORY
AUTHORITY (PPRA)

CONTRACT AWARD PROFORMA – II

To Be Filled And Uploaded on PPRA Website In Respect of All
Public Contracts of Works, Services & Goods Worth Fifty
Million Rupees or More

- NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS **TWO (02)**

- NAME AND ADDRESS OF THE SUCCESSFUL BIDDER
M/S UNISYS PAKISTAN
5th floor, bahria complex II,
M.T Khan Road , Lalazar Karachi

- RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATED BID).
1st M/s. UNISYS Pakistan

- NEED ANALYSIS (Why the procurement was necessary?)
IBA competent authority decided to implement ERP, therefore the procurement was necessary to meet the needs of ERP system

- IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE THE REASONS (Briefly describe)



- WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS YES

- DATE OF CONTRACT SIGNING _____
(Attach a copy of agreement)

- CONTRACT AWARD PRICE **74 Million.**


- WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS YES
(Attach copy of the bid evaluation report) *Appendix - A.*

- ANY COMPLAINTS RECEIVED Yes/No
(If yes result thereof) NO

- ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS NO Yes/No
(If yes give details)

- DEVIATION FROM QUALIFICATION CRITERIA NO Yes/No
(If yes give details)

- SPECIAL CONDITIONS, IF Any-----NO
(Give Brief Description)

Handwritten signature


PUBLIC PROCUREMENT RULES, 2004

EVALUATION RESULT

In compliance to Rule 35 of Public Procurement Rules, 2004, we give hereunder evaluation result of bids received against tender enquiry issued from IBA Karachi, ICT Department, Director ICT for displaying on PPRA's website:

1	Tender Enquiry	IT/01/2009-10
2	Brief Description of Goods	Data Storage Project
3	Tender Closing Date and Time	14-12-2009 / 03:00PM
4	Tender Opening Date and Time	14-12-2009 / 03:30PM
5	Tender Enquiry Sent to	25 Pre Qualified Suppliers of IBA Karachi.
6	Quotations Received From	02

Name of Suppliers	Price-wise position	Remarks / Acceptance	
		Technically	Financially
1- UNISYS Pakistan	Lowest	Acceptable	Acceptable

Accordingly, following purchase orders are being placed:

Purchase Order No.	Name of Supplier	Basis
IT/01/2009-10	M/s. UNISYS Pakistan	Lowest Bidder & Technically Acceptable



Summary of the Technical Evaluation Sheet of the Data Storage Project (dated : 16-12-2009)

Data Storage Project

Appendix-A

Mandatory Requirement	DWP	Unisys
Requirement	Rejected	Accepted
Technical Proposal and Installation requirement	Rejected	Accepted
Compatibility and Functionality	Accepted	Accepted
RAS	Accepted	Accepted
SAN Connectivity	Rejected	Accepted
Management Software	Accepted	Accepted
DR	Accepted	Accepted
Snap Technology	Accepted	Accepted
NAS solution	Rejected	Accepted
Tape Library and Backup	Accepted	Accepted
Result	Rejected	Qualify

Reasons on which M/s.DWP Bid rejects :

- At least three customer reference installations in Pakistan for the proposed solution.
- Principal must have local presence of Pre-Sales & Sales Staff.
- Should have minimum four drives of each tier configured as hot spare
- Min. 16 fiber channel host ports (Front-end) @ 4Gb/s upgradeable to over 64 FC ports
- Must support minimum 2000 drives, to facilitate the students data growth
- Massively scalable single system image
- Reduced power requirements
- Should have support for FC, FICON and iSCSI Gigabit Ethernet ports in proposed model.
- Should be able to support VMware Provisioning integration.
- Internal system bandwidth (data plus control) scalable up to atleast 150 GB/S
- Maximum back-end Fibre Channel ports scalable upto atleast 128 with 4 Gb/S.
- BoQ is not attached.

Reasons on which M/s.UNISYS Pakistan Bid accepted :

Unisys fullfill our requirement.100% compliance Technically &fullfill our requirement.

General Requirements

Requirement	DWP	Unisys
Vendor must have local presence including Pre-Sales, Sales & Support Staff.	Yes	Yes
Principal must have local presence of Pre-Sales & Sales Staff.	No	Yes
Vendor must be a Technical Support partner in the region for proposed Hardware and Software.	Yes	Yes
Vendor must provide default support scheme of 24x7x365.	Yes	Yes
Quoting vendor should have trained engineers on the proposed storage series.	Yes	Yes
At least three customer reference installations in Pakistan for the proposed solution.	No	Yes
Support, warranty and Services SLA will be offered for Three years plan.	Yes	Yes
Develop a comprehensive Training, Support and Knowledge Transfer Plan for the IT Technical Staff to ensure.	Yes	Yes
100% compliance is required.		
Complete knowledge transfer and hands on training at the time of installation/configuration.	Yes	Yes
Complete documentation and diagram for the proposed solution and configuration.	Yes	Yes
Foreign Trainings for 5 persons(5 days each), 2 persons executive briefing and Local training for 10 persons(10 days each).	Yes	Yes

Installation Requirement.

Requirement	DWP	Unisys
Enterprise Array System with 37000GB at Main and 37000GB at DR RAW disk capacity configured to deliver high performance and availability	Yes	Yes
13500 GB RAW on FC drives with RAID5 using 450GB 15K RPM fiber channel disk drives. 23500 GB RAW on 1 TB using SATA drives with RAID6 on each site.	Yes	Yes

Should have minimum four drives of each tier configured as hot spare	No	Yes
Min. 16 fiber channel host ports (Front-end) @ 4Gb/s upgradeable to over 64 FC ports	No	Yes
Has a global data cache memory of atleast 32GB cache. Should be upgradeable to 1024GB.	Yes	Yes
Must support minimum 2000 drives, to facilitate the students data growth	No	Yes
Should have 4Gb/sec end-to-end internal architecture including front-end, back-end and disks.	Yes	Yes
Array should have high end architecture supporting multiple storage controllers/engines.	Yes	Yes
Massively scalable single system image	NO	Yes
Reduced power requirements	NO	Yes
Should have capability to support On-demand Cache Partitioning	Yes	Yes
Should have support for FC, FICON and iSCSI Gigabit Ethernet ports in proposed model.	NO	Yes
Should be able to support VMware Provisioning integration.	NO	Yes
Should be able to support Device Filtering	NO	Yes
Can Download microcode remotely	NO	Yes
Internal system bandwidth (data plus control) scalable up to atleast 150 GB/S	NO	Yes
Maximum back-end Fibre Channel ports scalable upto atleast 128 with 4 Gb/S.	NO	Yes
Should provide support for Zero data loss using Asynchronous replication	NO	Yes
System should be highly scalable supporting Flash, FC or SATA disks (146GB, 200GB, 300GB, 400GB or 450GB FC, 1TB SATA) with the ability to mix different disk sizes within the same cabinet.	Yes	Yes
Support for RAID-1+, , RAID-5, and RAID-6/RAID-DP, RAID-10	Yes	Yes

Should have the feature to provide Thin Provisioning, allowing for the allocation of “virtual” disk capacity based on future anticipated needs, but with fewer physical disks actually installed	Yes	Yes
Should be able to support features to ensure Quality of Service (QoS).	Yes	Yes
Should be able to support partitioning of Cache for better performance and efficient cache usage.	Yes	Yes
Should have an automatic/manual storage performance tuning facility, by enabling the dynamic, non-disruptive movement of data between different RAID groups or different tiers of storage without application downtime.	Yes	Yes
Should have a mechanism to route/convert FC to FCIP for replication to DR site. Redundant connectivity on each site.	Yes	Yes
Indicate power consumption and heat dissipation of proposed configuration.	Yes	Yes
Indicate floor space required in the data centre.	Yes	Yes
Virtualization		
The storage system should support server virtualization	Yes	Yes
Should be able to support integration with Virtualization of DRS functionality	Yes	Yes
Should have support for non-disruptive movement of data between tiers	Yes	Yes
Should be able to support remote replication integration with Site Recovery Manager (SRM)	No	Yes
Compatibility and Functionality		
Requirement	DWP	Unisys
Linux® platforms: •1 Red Hat® Linux® •2 SUSE® Linux®	Yes	Yes
Windows® and PC server platforms: •3 Microsoft® Windows® 2000 •4 Microsoft® Windows® 2003 •5 Microsoft® Windows® 2008 •6 Novell® NetWare®	Yes	Yes
UNIX® platforms:		

<ul style="list-style-type: none"> •7 Sun™ Solaris™ •8 IBM® AIX® •9 HP-UX® •10 HP Tru64 UNIX® 	Yes	Yes
---	-----	-----

Reliability, Availability, and Serviceability

Requirement	DWP	Unisys
<p>Full fault-tolerance</p> <p>The Proposed storage solution should provide full fault-tolerance capability for all critical components. The subsystem should be protected against disk drive error and failure by enhanced RAID technologies and dynamic scrubbing and sparing. The Proposed storage solution should use component and function redundancy to provide full fault-tolerance for all other subsystem components (microprocessors, control storage, power supplies, etc.). The Proposed storage solution should have no active single point of component failure and is designed to provide continuous access to all user data.</p>	Yes	Yes
<p>Separate power supply systems</p> <p>Redundant components within the proposed storage solution should be powered by separate sets of power supplies. Each set should be able to provide power for the entire subsystem in the unlikely event of power supply failure. The power supplies of each set should be connected across power boundaries, so that each set can continue to provide power if a power outage occurs. The Proposed storage solution should sustain the loss of multiple power supplies and still continue operation.</p>	Yes	Yes
<p>Sparing for disk drives</p> <p>The Proposed storage solution should use special diagnostic techniques to detect and correct disk errors. Dynamic sparing should be invoked automatically if needed.</p> <p>Any spare disk can back up any other disk of the same speed (RPMs) and the same or less capacity</p>	Yes	Yes
<p>Remote copy features.</p> <p>The proposed storage solution should offer remote adequate data movement features to enable the user to set up and maintain duplicate copies of data over extended distances. In the event of a system failure or site disaster, the secondary copy of data should be available to be invoked rapidly, allowing applications to be recovered with guaranteed data integrity.</p>	Yes	Yes

<p>Remote Monitoring®. The proposed storage solution should offer an adequate tool that monitors remotely the operation of the system at all times, collects hardware status and error data, and transmits this data via WAN the vendors 24x7 support centers. The Support Center should analyze the data and implements corrective action as needed. In the unlikely event of a component failure, the remote monitoring tool should call the Support Center immediately to report the failure without requiring any action on the part of the user. This pro-active monitoring tool should enable most problems to be identified and fixed prior to actual failure, and the advanced redundancy features enable the subsystem to remain operational even if one or more components fail</p>	Yes	Yes
<p>Non-disruptive service and upgrades</p> <p>All hardware upgrades should be performed non-disruptively during normal subsystem operation. All hardware subassemblies should be removed, serviced, repaired, and/or replaced non-disruptively during normal subsystem operation. Shared memory for the proposed storage solution is installed on separate PCBs, and the fibre-channel PCBs for the proposed storage solution should be equipped with hot-swappable fibre SFP transceivers (GBICs). All microcode upgrades should be performed during normal operations using the service processor (SVP) and the alternate path facilities of the host. Microcode upgrades should be performed online and without interrupting open-system host operations</p>	Yes	Yes
<p>Error Reporting</p> <p>The Proposed storage solution should report service information messages to notify users of errors and service requirements. These messages should also report normal operational changes, such as remote copy pair status change. The messages should be logged on the proposed storage solution management station, and be reported directly to the hosts, as well as to the vendor's remote support center.</p>	Yes	Yes
<p>Power Outage Management</p> <p>In the event of site power total failure (short or prolonged) Vendor shall mention how the storage system protects data in cache memory by indicating the actions the storage system will take upon power failure and actions taken upon return of power to site and power on.</p>	Yes	Yes

SAN Connectivity

The SAN design should be based non-blocking architecture and provide following features:

Requirement	DWP	Unisys
-------------	-----	--------

Two switches at Primary Site.	Yes	Yes
Two switches at DR Site.	Yes	Yes
Each switch should have at least 16 ports active with SFP installed @ 4Gb/s.	Yes	Yes
Should meet high-availability requirements with redundant, hot-pluggable components and non-disruptive software upgrades.	Yes	Yes
Should include performance monitoring software	No	Yes
Should be expandable to 64 FC ports	No	Yes
Should be able to support 8Gbps FC ports	No	Yes
Should be able to support advanced QoS features	No	Yes
Should be able to support encryption of data	No	Yes
Include necessary LC/LC fiber cables of atleast 3m length.	Yes	Yes

Management Software :

Requirement	DWP	Unisys
Storage System Management should include following feature in the proposed solution.		
Perform logical, physical and host-based storage management operations.	Yes	Yes
Allow provisioning and storage pooling for primary and secondary storage.	Yes	Yes
Provide capacity analysis and reporting based on physical storage type and other criteria.	Yes	Yes
Identify storage system conditions and issues via proactive alerts.	Yes	Yes
Provide SNMP-based reporting on status and alerts for storage array.	Yes	Yes
Should have the ability to enable serverless backup capabilities of many popular backup products	Yes	Yes
Should be able to support SAN security software to ensure security in open systems storage area networking environments.	Yes	Yes
Monitor the performance of elements within the storage array, to provide user the information needed to optimize storage system performance and troubleshoot problems.	Yes	Yes
Manage host priority to help meet application performance SLAs.	Yes	Yes
Link Multipathing Software		
Storage solution should be able support Path Failover detection & recovery.	Yes	Yes
Should Load balance when needed.	Yes	Yes
Auto Path Discovery.	Yes	Yes

Disaster Recovery, Business Continuity and Data Replication

Requirement	DWP	Unisys
Storage system shall support remote storage based replication to a similar storage system from the same family with synchronous and asynchronous replication capability.	Yes	Yes
Ability to have protected target device	Yes	Yes
Ability to swap personality (replication direction) between source and target and time required to do so	Yes	Yes
How long can the Storage system tolerate link failure with ability for incremental synchronization upon fixing the link	Yes	Yes
Ability to incrementally replicate back to source device after failover (planned or unplanned)	Yes	Yes
Ability for immediate failback with support for restart of main site production before commencement of re-synchronization from target device to source	Yes	Yes
Ability to create a consistent group of source volumes that replicate to target volumes regardless of which hosts these volumes belong to. Ability to extend the consistency across multiple arrays in main site	Yes	Yes
Ability to replicate to multiple target storage systems simultaneously	Yes	Yes

Snap Technology

Requirement	DWP	Unisys
Storage System shall support full volume point in time replicas of production data	Yes	Yes
Number of point in time copies that can maintain incremental synchronize relationship with a single production volume	Yes	Yes
Time it takes from creation of the point in time copy to be available for read write operation in secondary host	Yes	Yes
Time it takes from start of restore operation of point in time copy back to production till the Application can restart from production host	Yes	Yes
Ability for incremental Restore	Yes	Yes
Utilize point in time copy to service production I/O if it is in synchronized state	Yes	Yes
Ability to restore on other location rather than original production volume	Yes	Yes
Ability for point in time copy to be a source for remote replication	Yes	Yes
Ability to create point in time copy for a remote replication target	Yes	Yes

Able to support to integrate with database engines to create a restart able point in time copy of database. Vendor shall indicate which databases are supported	Yes	Yes
Ability to simultaneously create consistent point in time copies across multiple production volumes	Yes	Yes

NAS Hardware (Share)

Requirements	DWP	Unisys
The proposed NAS must have multiple controllers, in active/standby configuration to provide redundancy.	Yes	Yes
Controller-based RAID: No NAS-head resources should be used for RAID activity	Yes	Yes
NAS solution has to provide storage scalability up to 128TB of usable capacity.	No	Yes
Independent management through independent management station	Yes	Yes
Fully redundant architecture with FC and 10G Ethernet Support.	Yes	Yes
No single point of failure with N+1 power and cooling	Yes	Yes
Should be able to support at least the following protocols CIFS, iSCSI, NFS, FTP, NDMP, MPFS and SNMP	Yes	Yes
Must support creating read-only, point-in-time logical view of a production file system and restore form these point-in-time views	Yes	Yes
Should supports automatic file system extension for NFS and CIFS	Yes	Yes
Thin Provisioning which allows users to physically allocate just the storage that is needed within a defined virtual file system or LUN	Yes	Yes
Should be able to support File-level retention capability for CIFS and NFS file shares	Yes	Yes
File-migration API: to transparent and automated policy-based archiving	Yes	Yes
Must support filtering to provide limited access by file type	Yes	Yes
Support for remote mirroring of underlying storage	Yes	Yes
Licenses for Integration with Anti Virus checking	Yes	Yes
Should be able to Support the following Networking features: Link aggregation, FailSafe Networking, Ethernet Trunking, Virtual LAN	Yes	Yes
In case of Backup, NAS Backup can be achieved through Network Backup, NDMP Backup and SAN Backup with full integration with Disk Libraries	Yes	Yes

Security Features like : Isolated Management Console, CIFS and NFS locking, Industry-standard authentication (Windows 2003 Kerberos, NT Primary Domain Controller (PDC), UNIX NIS, Secure NFS) and Event auditing	Yes	Yes
Remote maintenance, call home	Yes	Yes
Integrated with Windows 2003: Full Native Mode Active Directory support—LDAP and Kerberos Dynamic DNS—WINS equivalent for Windows 2003 ACLs—new permissions, inheritance, Groups Groups—Global, Domain-Local, Nested, Universal Sparse files—attribute and API, CIFS streams SID History—tracks user-domain migrations Kerberos authentication, packet signing, strong LDAP Quotas—user-level hard and soft Group Policy Objects Supports the VSS Provider functionality, so snapshots for iSCSI LUNs can be managed by standard Microsoft applications (e.g., Exchange 2003). Support for Microsoft DFS (Distributed File System)	Yes	Yes

Enterprise Backups Software

Requirements	DWP	Unisys
Must be able to manage through a single console	Yes	Yes
Must provide additional processing power to move and recover data in direct attached and SAN environments	Yes	Yes
Must ensure data recovery on any archived tape	Yes	Yes
Must maximize performance while reducing wear and tear on tape drives	Yes	Yes
Eliminate the need for dedicated tape drives for NDMP data Multiplexing between NDMP and non-NDMP data	Yes	Yes
Direct SCSI backup	Yes	Yes
Disk library integration	Yes	Yes
Support for snapshot management on array families	Yes	Yes
Support for off-host or proxy-based backup including block-level backup and restore of unlike operating systems.	Yes	Yes
Centralized, web-based administration with a single view of all backup servers within the enterprise.	Yes	Yes
No requirement for a 3rd party database (i.e., SQL) to enable index management.	Yes	Yes
Built-in reporting	Yes	Yes
Advanced backup analysis	Yes	Yes

Broad support for hot application backups	Yes	Yes
Broad operating system support	Yes	Yes
Dissimilar system restore on multiple platforms	Yes	Yes

Bid Evaluation Criteria

- Requirement and Compliance sheet is necessary to be compliant and fulfill 100 %. Any non compliant and incomplete requirement will be considered as disqualification of the bidder.
- The successful bidder will sign a Service level agreement (SLA) for a period of Three year, extendable for another period of two year.
- During the technical evaluation, bidder may be asked for the presentation about their setup.
- Successful technical bidder's Financial will open and check the complete BOQ with the requirement and compliant of technical and then award the contract to the lowest.
- Any offer can be rejected at any step without informing any reason to the bidders.