

Pre bid conference held on 29.12.08
for
Request for Proposal
Development & Implementation of
Web Portal, Management Information System
(MIS)
for
Government & Govt. Aided Schools in the State

Pre-bid clarifications/amendments

RFP no.Hartron/Proj/HPSPP-SSA/2008-09

Additions/clarifications/amendments/deletions issued subsequent to the pre-bid conference held on 29.12.08.

These Pre-bid clarifications/amendments shall now become the integral part of the RFP no Hartron/Proj/ HPSPP-SSA /2008-09.

1. 1.1 Introduction

The GIS as specified in this RFP is not required and as such any reference wherever mentioned in the RFP pertaining to the requirement of GIS stands deleted.

2. Clause no. 2.1(iii) Pg. no. 6 (Development and implementation of management)

The following be read alongwith the said clause

"using client-server/browser-based application for developing MIS."

3. Clause no. 2.1(iv) Pg. no. 6 (Development and implementation of Geographical)

"stands deleted"

4. Clause no. 2.1(vi) Pg. no. 6 (data updation)

The following be read alongwith the said clause.

"Various reports shall be required with different time intervals for data updation during the currency of the contract"

5. Clause no. 2.1(vii) Pg. no. 6 (data digitization)

"stands deleted"

6. Clause no. 2.1(viii) Pg. No. 6 (Data migration)

The following may be read alongwith the said clause:-

"For group of schools in each block, there will be one nodal centre where all the schools shall submit the required information in the prescribed format. The system integrator shall further upload the information through internet to the central server at Data Centre, Chandigarh. However, where, the data is provided by the school in the raw form, the same shall be converted into the prescribed format by the system integrator at nodal centre and subsequently upload the same to the main/central server. The formats to fill in the information by each school shall be finalised by the successful bidder in consultation with the department. Further, wherever, SWAN Intranet is available, the same shall be used for uploading the data. As and when the schools are provided with internet connectivity or connected with SWAN, the data uploading in the prescribed format shall be done by the respective school directly".

7. Clause No. 2.1(viii & ix) Pg. no. 6 (Comprehensive training.....) and Clause no. 2.4 Pg. No. 14 (The successful bidder is required to impart.....).

The following be read alongwith the said clause

"Software will be installed at schools as well as the nodal centres. Total 5000 teachers will be trained and the said hands on training will be imparted at

district level and the exact location will be finalized with the successful bidder. Further, the designated staff is also required to be provided basic training on MS Word, e-mail, MS Excel as well".

8. Clause no. 2.1.1 of scope of work Pg. no. 7 (Web Portal.....)
The following be read alongwith the said clause
"There will be about 200 concurrent users using the facility" for the present and the number can increase in future".

9. Clause no. 2.1.1 (3) Pg. No. 7 (Link to various sub section.....)

"The employ login stands deleted and instead each school will be provided with one email ID"

10. Clause No. 2.1.2 Pg. No. 8
The said clause be read as:-

2.1.2 The management information system (MIS) - The system so quoted should be menu driven and user friendly so as to enable the remote user to punch in the requisite data in the system. Further, to reach the customization of MIS, the same is required at schools as well as nodal centres. Also, separate screens should be designed for all the sub sections listed below which are required to be monitored by MIS for each school:-

a) Functional scope of Students Management System

- i) Information on Personal/Enrolment record of the student such as name of the student, Roll no or unique ID of the student, joining date (academic year), schooling history, date of Birth, fathers name, mothers name, Educational qualifications of the parents and their profession, Income of parents, special skill sets of the parents which can be used by the schools, Postal and Permanent Address, Phone nos, etc.***
- ii) Attendance & Leave record.***
- iii) Student strength***
- iv) Free Text Books***
- v) Grants being given to the students***
- vi) Academic Performance record.***
- vii) Scholarship***
- viii) Health record of the student***
- ix) Fee record***
- x) Achievements of the students in Sports and extra-curricular activities.***

b) Functional scope of Infrastructure record system:-

- i) Detail of the campus (building plan, area, number of floors, rooms, and their class wise allocation, Play grounds, Tree Plantation & other necessary facilities)***
- ii) Buildings without boundary wall***
- iii) Availability of toilets(male/female)***
- iv) Schools with blackboard, without blackboard and their condition***
- v) Civil work grants***

- vi) **Water supply**
- vii) **Labs (classification of labs, equipment and other fixtures).**
- viii) **Library (number of books, topics, journals subscribed, sitting capacity)**
- ix) **Furniture and fixtures detail**
- x) **Miscellaneous structures.**
- c) **Functional Scope of General Administration System:-**
 - i) **Staff strength**
 - ii) **Mid day meal scheme**
 - iii) **Time table, date sheet preparation, result preparation,**
 - iv) **Publication of notices and notifications**
 - v) **Curriculum for each class**
 - vi) **List of Holidays**
- d) **Report Generation:**
 - i) **The MIS so developed and deployed should be able to generate the reports both at district level and at Head Office level. The system should be able to generate numerous reports as per the needs of the department from time to time. Some of the suggestive reports are as under:-**
 - **Class wise and consolidated Month wise/quarter wise/Year wise enrolment for each school.**
 - **Pass & Fail percentage for every school for every year**
 - **Boys & Girls ratio**
 - **Attendance analysis for each student fortnightly, monthly, six monthly and annually.**
 - **Student-Teacher ratio Analysis**
 - **Comparison of Academic results**
 - **Merit List of students, etc. etc.**
 - ii) **User interface :-**
 - **Single sign of for accessing all modules.**
 - **Any item of DATA needs to be punched in once and is then should be available as often to all the systems require to use the said information.**
 - **All the modules should be homogeneous with respect to the key board use screen layout and menu operation with Graphic user interface.**
 - **GUI form administration should support:-**
 - **Changing fields or tab labels**
 - **Hiding fields or tabs**
 - **Changing position or size of the field or labels**
 - **Adding restriction or mandatory or not**
 - **Setting default value in a field**
 - **Changing list of value (LOV) contents**
 - **Capability to setup logic to trap conditions to pop messages in response to conditions like logical data entry errors, certain conditions etc.**
 - **Ability to provide these configurations down to the user level so that the screen can be made to have different functionality for a given user.**

- ***The separate information can be consolidated from a number of systems as required to produce reports and carry out ad-hoc analysis and reporting***

11. Clause no. 2.1.3 Pg. No. 11 (Geographical information)
GIS stands deleted from the entire scope of work of the RFP
12. Clause No. 2.1.4 (a) Pg. No. 12 The bidder shall supply, Install & commission the following basic server.....)
The said clause be read alongwith the following:-
"Further the server infrastructure to supplied, installed and commissioned by the successful bidder at head office Chandigarh and respective district education office shall be further integrated with the SWAN equipment already installed at all the district education offices and head office Chandigarh so that block to district head quarter and from district to SNMC Chandigarh and head office of the department, the SWAN intranet wherever available can be utilized. RDBMS will be at head office Chandigarh, which will be accessed by the school/nodal centres/ District both through internet and SWAN connectivity wherever available "
 - ***The application server for GIS stands deleted.***
 - ***The personal computers as mentioned are not required.***
13. Clause no 2.5 (Project support.....)
The following be read as:-
"The bidder will be responsible for the complete maintenance, updation including software products and its subsequent maintenance and will support with bug removal, if any, for a period of 2 years from the date of acceptance of the project. The post implementation support has to be carried out for all the locations as already explained at sr. no. 6 above."
14. Clause No. 3.2(vi) Pg. No. 16 (The bidding company must have executed two similar.....)
The said clause be read as
"The bidder must have executed two similar projects using MIS of any kind but MIS for schools shall be preferred (excluding hardware & networking components) for a minimum value of Rs. 30,00,000/- (Rs.Thirty lakhs only) each in last three financial years ending 31.3.2008. Bidder is required to submit the Copies of work orders and successful completion/implementation certificates of each such project with the bid"
15. Clause No. 3.2 (x) pg. No. 17 (Eligibility criteria.....)
The said clause be read as
"The bidding firm/company should have at least 25 nos. of technically qualified manpower preferably in the field of software on its roll"
16. Clause no 4.13.4 pg no 25 (Technical bid shall consist of)
The following has been added
" f) Technical detail Annexure 10"
17. Clause no 4.25 (c)4 pg no 33 performance bank guarantee (While signing the contract.....)
The relevant part of the said clause be read as

"..... (as mentioned in the Annexure 15), which will be renewed every year by the bidder till the currency of the contract i.e the support period of two years w.e.f the date of the issuance of the final acceptance certificate for the project."

18. Clause no 6.1 Router:-

The following be read as

Sr.no	Particulars of item	Technical Description
2.	WAN	1 or 2 Serial Ports compatible with EIA/TIA 232, 449, 530, V.35, (compatible with proposed DTE DCE). Should support channelized E1/T1 cards as required

19. Clause no 6.6. page 56 (Servers...)

The following be read as:-

a) Servers (Intel / AMD64) for Districts (qty. 20)

- Minimum 2x Quad core processor with 2.1GHz or above with 1066Mhz FSB expandable to four physical processor with 2x2MB I2 cache per processor
- Minimum Memory: 8 GB, Scalability to 128 GB
- HDD 4x146GB 2.5" 10K RPM HDD or More
- Redundant Power Supply
- Atleast 2 x 10/100/1000 MBPS Ethernet Ports
- 2 x 4 GBPS Fiber Channel ports. This is required only for database servers.
- RAID Controller with RAID 0/1/5 with 256 MB cache and does not occupy any PCI slot
- Optical / diskette: 8X / 24X slim-line DVD ROM drive
- Remote Management hardware to monitor server remotely even when server power is off.
- Management Feature to identify failed components even when server is switched off.
- Server components should be UL, FCC, IEC,EN and ROHS complied.
- Rack Mountable
- It should provide Secure Sockets Layer (SSL) 128 bit encryption and Secure Shell (SSH) Version 2 and support VPN for secure access over internet.
- Should be able to manage systems through a web-browser

b) Application Server, Web Servers, Domain Server and mail server, (Blade Server) one each for Head Office.

- Single blade chassis should accommodate minimum 6 (Quad-Processor)/8 (Dual Processor) and Scalable to minimum 10 or higher hot pluggable blades
- 6U to 12U Rack-mountable
- Dual Back-plane providing 2 separate connections to each Blade Server or single Passive Backplane.
- Should accommodate Intel, AMD, RISC/ EPIC Processor based Blade Servers for future applications
- Should be certified for installing all industry standard flavors of Windows, LINUX/LINUX/UNIX and LINUX/UNIX Operating Environments
- Single console for all blades in the enclosure or KVM Module/ feature or access through centralized console.

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- DVD ROM can be internal or external or through centralized console, which can be shared by all the blades allowing remote installation of S/W and OS.
- Two 10/100/1000 Ports per blade.
- Two hot-plug, redundant 4 GBPS Fiber Channel adapters per blade. It should connect to the external Fibre Channel switch, and ultimately to the storage device.
- **Power Supplies:**
 - Chassis to be fully populated with hot Swappable redundant power supplies
 - Power supplies should have N+N or N+1 redundancy. All Power supply should be populated.
- Hot Swappable and redundant Cooling Unit
- All Cooling Modules/Fans should be populated. LED indicators Alerts on Hard disk drives, processors, blowers/Fans, memory or provision to monitor the same.
- **Management:**
 - Systems management and deployment tools to aid in Blade Server configuration and OS deployment,
 - Remote management capabilities through internet
- Built-in KVM switch (Chassis should have provision of accommodating Optional redundant KVM switch) or KVM functionality provisioned through chassis.
- Dedicated management network port should have separate path for management
- Support heterogeneous environment: Xeon and RISC/EPIC CPU blades must be in same chassis with scope to run Win2008 Server, Red Hat LINUX/LINUX/UNIX, Suse LINUX/LINUX/UNIX, 64 Bit LINUX/UNIX.
- **Blade Specifications:**
 - Blade can be half/full height
 - 2 Quad core 2.3 Ghz/ 2 Dual core @ 3GHz with 4 MB shared L2 cache, 1333 MHz FSB
 - 4 GB DDR2 RAM with 2 No's free slots for future expandable capability.
 - Memory upgradeable to atleast 16 GB or higher per blade.
 - The Blade should have redundant 4 GBPS Fiber Channel HBA
 - 2 X (1000BASE-T) Tx Gigabit LAN ports support on blade server
 - 2 X 146GB HDD or more hot plug system disk with mirroring using integrated RAID 0,1 on internal disks
 - VGA/Graphics port
 - Should support heterogeneous OS platforms.

20. clause no 6.7 (Personal Computers)
"stands deleted"

21. Clause no 6.8 Tape library (Qty. 1)
 The said clause has been added to the section 6 and be read as

Sr.no	Description	Parameters
1	Number of Tape Drives	1 x LTO-4 Ultrium 1840 drives
2	Number of cartridge slots	24 slots
3	Maximum capacity (compressed)	38.4 TB compressed (2:1) capacity
4	Maximum sustained transfer rate	Up to 800 GB/hr compressed (2:1) rate
5	Form factor	2U
6	Interface	Ultra320 LVD SCSI interface

The said tape library shall be further integrated with the SAN being procured under State Data Centre Project of Haryana State.

22. Clause no 5.7 (vii) pg no. 43

The said clause be read as

"Bank Guarantee will be released after the completion of two years and six months of the signing of the contract agreement or the support period whichever is later".

23. Clause no 6(vii) pg no. 51

The following be read as:-

"The successful bidder shall provide patches, updates and upgrades of all the supplied software free of cost for two years from the date of acceptance of the system".

24. Revised Technical details Annexure 10

25. revised commercial proposal Annexure 11

26. General clarifications:-

- a) The storage access network (SAN) of the State Data centre shall be used.
- b) Window based mail server. However, the department may like to exercise the option of using the mail server already installed under SWAN.
- c) Centralized anti virus shall be used, however, to start with anti virus for 2000 no. of schools with 5 year update may be provided. The department can exercise the option of using centralized anti virus solution already available under SWAN.
- d) The personal computers as mentioned in the RFP are not required now.
- e) Security appliances as per the requirement.
- f) The EMD is to be submitted in the form of the demand draft as specified in clause no 4.10 of the RFP
- g) No change in eligibility criteria except for deleting the GIS wherever mentioned in the eligibility criteria.
- h) No consortium has been allowed.

Other terms and conditions as specified in the RFP no HARTRON/PROJ/HPSP-SSA/2008-09 shall remain same.

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(to be enclosed with technical bid)

Annexure 10

Technical details

We M/s _____ offer to undertake the Development & Implementation of Web Portal, Management Information System (MIS) for Government & Govt. Aided Schools in the State in conformity to the terms and conditions specified in the RFP no HARTRON/PROJ/HPSPP-SSA/2008-09 as per the following

Sr.no	Description	Qty *	Make/ Code	End of sale date	End of support date	Bundled accessories along with equipment	Add on accessories included	Certification wherever required	Compliance of the Specs. Enclose Specs. Sheet
1	Router for Head office at Chandigarh	1							
2	Layer 2 switch for Head office at Chandigarh	1							
3	Security appliance for internet	1							
4	Lease line modems for Head office at Chandigarh	1 pair							
5	Passive components	As per actual							
	a) 12 port Rack mounted Fibre LIU								
	b) CAT 6 cable								
	c) CAT 6 Patch Cords 3 ft.								
	d) CAT 6 Patch Cords 7 ft.								
	e) CAT 6 Patch Panel 24 port								
	f) 12 U Rack	1							
	g) 6 Core multimode fibre	As per actual							
	h) Fibre Patch Cord								
6	RDBMS	1							

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Sr.no	Description	Qty *	Make/ Code	End of sale date	End of support date	Bundled accessories along with equipment	Add on accessories included	Certification wherever required	Compliance of the Specs. Enclose Specs. Sheet
7	Server for Districts	20							
8	Server for Head office	1							
9	Mail server for head office	1							
10	Web server for head office	1							
11	Domain server for Head office	1							
12	Storage device external – tape library	1							
13	Anti virus software (bidder to give the unit rate)	As per actual							

14	Development and Deployment of Web based portal								
15	Development & Implementation of MIS fully integrated with web portal								
16	Comprehensive training								
17	Support for the project for 2 years								

Signature of witness

Name:

Date:

Place:

Stamp:

Signature of the authorized signatory

Name:

Date:

Place:

Stamp

*The quantity indicated above are indicative and are likely to be increased or decreased at the time of the award of the contract. Further Hartron also reserves the right to delete any of the items as mentioned above

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(to be enclosed with commercial bid)

Annexure 11

COMMERCIAL PROPOSAL SHEET

We M/s _____ offer to undertake the Development & Implementation of Web Portal, Management Information System (MIS) for Government & Govt. Aided Schools in the State in conformity to the terms and conditions specified in the RFP no HARTRON/PROJ/HPSPP-SSA/2008-09 as per the following.

Sr.no	Description	Qty*	Make/Model	Unit cost	Total cost
1	Router for Head office at Chandigarh	1			
2	Layer 2 switch for Head office at Chandigarh	1			
3	Security appliance for internet				
4	Lease line modems for Head office at Chandigarh	1 pair			
5	RDBMS				
6	Server for districts	20			
7	Server for Head office	1			
8	Web server for head office	1			
9	Mail server for head office	1			
10	Domain server for head office	1			
11	Storage device external – tape library	1			
12	Anti virus software (bidder to give the unit rate)	As per actual			
Total A					
13	Passive components	As per actual			
	a) 12 port Rack mounted Fibre LIU				
	b) CAT 6 cable				
	c) CAT 6 Patch Cords 3 ft.				
	d) CAT 6 Patch Cords 7 ft.				
	e) CAT 6 Patch Panel 24 port				
	f) 12 U Rack	1			

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Sr.no	Description	Qty*	Make/Model	Unit cost	Total cost
	g) 6 Core multimode fibre				
	h) Fibre Patch Cord				
Total B					
15	Development and Deployment of Web based portal				
15	Development & Implementation of MIS fully integrated with web portal				
Total C					
16	Installation and commissioning				
17	Comprehensive training				
18	1st year of project support				
19	2nd year of project support				
20	Service tax				
21	Any other tax				
Total E					
22	Grand total A+B+C+D+E				

Signature of witness

Name:

Date:

Place:

Stamp:

Signature of the authorized signatory

Name:

Date:

Place:

Stamp

*The quantity indicated above are indicative and are likely to be increased or decreased at the time of the award of the contract. Further Hartron also reserves the right ot delete any of the items as mentioned above.