



Government of Bihar
Department of Social Welfare



STATE CHILD PROTECTION SOCIETY, BIHAR

2nd Floor, Apnagar (Behind Lalit Bhawan), Bailey Road, Patna-23,Bihar.✉-scpsbihar@gmail.com☎-06122545033

Bid No.:

**CENTRALIZED BID NOTICE FOR
SUPPLY AND INSTALLATION OF VARIOUS ITEMS FOR OFFICE USE.**

Sealed Bid is hereby invited from interested bidders for supply and installation of items as per **Annexure - II** under two-bid system for various districts of Bihar. Further details containing nature, requirements and scope of work is available in Bid Documents, which can be downloaded from the website of SOCIAL WELFARE DEPARTMENT (www.socialwelfare.bih.nic.in).

The timeline for bid process is given below;

Sl. No.	Items	Date & Time
1	Information about Notice Inviting Bid and availability of Bid Document on website www.socialwelfare.bih.nic.in or in office of STATE CHILD PROTECTION SOCIETY Bihar	09/12/2016, 11:00 Am.
2	Last date and time for receipt of Bids	19/12/2016, 02:00 pm
3	Opening of Bid	19/12/2016, 03:00 pm

Sealed Bids would be submitted through Speed Post / registered Post / Courier/by hand on any working day on or before due date and time at STATE CHILD PROTECTION SOCIETY, 2nd floor, Apna Ghar, Behind Lalit Bhawan, Bailey Road, Patna-800023.

(Imamuddin Ahmad)
Vice-chairperson, SCPS-cum-Director,
Directorate of Social Welfare, Bihar



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BID DOCUMENT

FOR SUPPLY AND INSTALLATION OF ITEMS FOR VARIOUS DISTRICTS OF BIHAR

Last Date for Submission: 19/12/2016

Date of Opening: 19/12/2016

Bid Notice

Sealed bids are invited for supply and installation of items as per Schedule I to V with specification as mentioned in *Annexure – III* for the STATE CHILD PROTECTION. The detailed terms and conditions can be downloaded from the website of SOCIAL WELFARE DEPARTMENT www.socialwelfare.bih.nic.in.

Bids shall be submitted through Two Envelopes System namely TECHNICAL BID & FINANCIAL BID

Technical Bid shall consist of the Eligibility criteria consisting the following :

- Bid document can be received from **STATE CHILD PROTECTION SOCIETY** at **Patna** up to one day prior to the last date of submission of the bid. It can be downloaded also from the website of SOCIAL WELFARE DEPARTMENT www.socialwelfare.bih.nic.in.
- Tenders must be in one large envelope marked as “Supply and Installation of various items at STATE CHILD PROTECTION SOCIETY” with enclosing two separate envelope marked as:
 - ◆ Technical Bid dully signed, sealed and filed Annex-I, II, IV.
 - ◆ Financial Bid dully signed, sealed and filed - Annexure-III.
- Earnest Money Deposit:-

EMD	For Schedule – I	Rs. 70,000/-
	For Schedule – II	Rs. 40,000/-
	For Schedule – III	Rs. 40,000/-
	For Schedule – IV	Rs. 85,000/-
	For Schedule – V	Rs. 70,000/-
TOTAL		Rs. 3,05,000/-

Demand Draft favoring PARIYOJANA NIDESHAK, RAJYA BAL SANRAKSHAN SAMITI and payable at Patna has to be submitted.

- Bidder/s may quote for any or all schedules listed under Annexure - II.
- Prices quoted for each schedule shall correspond 100 percent of the quantities specified in the respective schedule. If the bidder did not quote all item as mentioned in the respective schedule then in that case the bid shall be summarily rejected.

- Past performance experience certificate of bidding for any Government/semi Govt./reputed corporate bodies. The bidder must submit a copy of executed purchase orders during last three financial years. In this regard *Annexure – IV* must be filled in.
- Proof of sound financial capability of the bidder. The Bidder should have achieved minimum **AVERAGE** sales Turnover of Rs. 50 Lacs during last three consecutive financial years and should furnish Profit & Loss statement, Balance sheet for Last 3 financial year's i.e. 2013-2014, 2014-2015 and 2015-2016, in support of its financial standing and capability to perform the contract on time.
- Banker certificate showing the financial solvency of firm to execute this work.
- Registration certificate of bidder under suitable act e.g. Shop and Establish Act/ Company Act, etc.
- Warranty of each item must be specifically quoted, including the standard warranty and extended warranty, if any given by the bidder.
- The bidder should have been registered with concerned sales tax authorities. Copy of such certificate of sales tax return shall be enclosed as a proof.
- Undertaking that the bidder is not black listed from any Govt. or semi Govt. Organization and an affidavit to this effect duly notarized must be submitted along with the bid. The affidavit must be dated after the bid publication date.
- Bids shall remain valid for 90 days after the deadline for submission of bids prescribed by the STATE CHILD PROTECTION SOCIETY, Bihar. A bid valid for a shorter period shall be rejected by the STATE CHILD PROTECTION SOCIETY, Bihar as non-responsive.
- The bid form should be filled legibly or typed. The bid form should be signed by the bidder himself. The forwarding letter should be signed along with PAN allotted by the Income Tax Department.
- It is required that the goods under the Invitation for Bids shall be delivered by the successful bidder within **14 days** from the date of award of work order. **Otherwise penalty @ 1% per week** on the residual bill would be levied for delay up to three weeks. After that the STATE CHILD PROTECTION SOCIETY would reconsider the work order granted to the bidder.
- Supply of inferior quality of goods means diversion from the specifications as mentioned in Annexure - II will attract necessary legal action apart from forfeiture of performance guarantee.
- Bidder submitting a bid would be presumed to have considered and accepted all the terms and conditions. No inquiry verbal or written shall be entertained in respect of acceptance/rejection of the bid.
- Any act on the part of the bidder to influence anybody in the Directorate is liable to rejection of his bid.
- The successful bidder shall provide such packing of goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage.
- Bid must be unconditional.

- The agency shall not engage any sub-contractor or transfer the contract to any other person in any manner.
- EMD of unsuccessful bidders will be discharged at the earliest or latest before the 30th day after award of work to the successful bidder and signing of contract thereof.
- In case of dispute or difference the court at Patna shall only have the jurisdiction over the same.

Submission Requirements

Interested Bidders wishing to undertake the above may submit in Sealed large envelopes marked

- (1) Bid for various goods Marked as - “Technical Bid”, Annexure- I, II and IV
- (2) Bid for various goods Marked as - “Financial Bid”, Annexure- III

Both the above sealed envelopes will then be put & sealed in an outer envelope addressed to Vice-Chairperson, STATE CHILD PROTECTION SOCIETY mentioning the bid number, due date & time for opening. Envelope marked ‘FINANCIAL’ – shall contain financial bid, i.e. rates only. The Specification of goods to be supplied and installed is written in Annexure- II.

Bid Price & General Conditions

1. Technical Bid will be opened first and the qualifying eligibility and other documents submitted by the Bidder will be evaluated at first stage. The financial bid of those bidders will only be opened, whose other documents will be found satisfactory and according to instructions and specification.
2. Bidders will have to quote single rate strictly as per the technical specification.
3. Successful bidder shall have to submit 5 % as performance security of the ordered value. The performance security can be either in the form of Bank draft or Bank Guarantee.
4. The STATE CHILD PROTECTION SOCIETY will award the contract to the bidder whose Bid has been determined to be substantially responsive and who has offered the lowest evaluated Bid price on bid for each particular item. Notwithstanding the above, the STATE CHILD PROTECTION SOCIETY reserves the right to accept or reject any Bid and to cancel the bidding process and reject any/all Bids at any time prior to the award of the contract.
5. Payment shall be made by the STATE CHILD PROTECTION SOCIETY when bills with delivery challan duly signed by the competent authority are submitted on delivery of the goods in satisfactory condition. **Payment shall be made after deduction of VAT and other statutory deductions.**
6. No price preference will be given to any agency irrespective of any registration.
7. The order may be placed in phases, or partially over a period of time at the full discretion of the purchase.
8. **Force Majeure**
 - The supplier shall not be liable for forfeiture of its performance security, liquated damage or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligation under the contract is positively the result of an event of force majeure.

- For the purpose of this clause, "force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, war or revolutions, fire, flood, epidemics, quarantine restrictions and freight embargo.
- If a force majeure situation arises, the supplier shall promptly notify the Society in writing of such conditions and the cause thereof. Unless otherwise directed by the Society in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force majeure event.

Submission of Bid:

The bid must reach the office of the STATE CHILD PROTECTION SOCIETY by 02:00 pm on or before 19th December, 2016 latest through Registered post/ Courier / Speed Post/ by Hand. Bids received after this would not be entertained on any ground. The bid will be opened on 19th December, 2016 at 03:00 pm in the presence of the bidders or their authorized representatives.

In case the Agency / firm decline to take up the task after being awarded the Contract, it would be debarred for a period of three years from the date of award.

The decision of the STATE CHILD PROTECTION SOCIETY shall be final and no inquiries or application for review shall be entertained. The STATE CHILD PROTECTION SOCIETY reserves the right to cancel or reject any/all bid/s without assigning any reason.

(Imamuddin Ahmad)
Vice-chairperson, SCPS-cum-Director,
Directorate of Social Welfare, Bihar

ANNEXURE-I - TECHNICAL BID

**BID FORM FOR SUPPLY AND INSTALLATION OF VARIOUS GOODS FOR PRE
QUALIFICATION OF BID**

1. Names & address of firm /Agency and contact number: _____

2. Registration No. of the firm/Agency: _____

3. VAT Registration Details:

4. **Copy of PAN:**

5. Name, designation, address & contact no. of authorized person of Firm/Agency to deal

with: _____

6. Please specify as to whether bidder is a sole Proprietor/Partnership Firm Name, Address and contact no. of Director / Partner should be specified:

a) _____ b) _____

c) _____ d) _____

7. Details of Earnest Money Deposit:

a) Amount. _____ (in words) _____

b) Bank draft No.: _____

c) Date of issue of BD: _____

d) Name of the issuing bank: _____

8. Details of experience with regard to printing with full details of the agency(s) to who such work order awarded along with copies of work satisfactory reports should be attached. In case number of such agencies is more, then a separate sheet may be used for indicating experience for printing:

9. Any other information:

10. Declaration of bidder to be registered with Bihar Sales Tax authority before the award of work order, if the bidder is outside the state of Bihar.

11. Declaration by the bidder – This is to certify that I/We before signing this bid have read and fully understood all the terms and conditions contained herein and undertake myself /ourselves to abide by them.

(Signature/s of Bidder/s)

Name: _____

Designation: _____

Address: _____

Phone No. : _____ (O)

Phone No. : _____ (R)

ANNEXURE-II

Detailed Specification with quantity of goods to be procured

Schedule – I

Sl. No.	Name of the Item	Specification	Quantity	Place of Delivery			
1	HD Dish Connection	Type- HD, Recording- YES, Pack type- HD	45	Patna, Araria, Begusarai, Kaimur, Munger, Bhagalpur, Bhojpur, Darbhanga, Gaya, East Champaran, Gopalganj, Jehanabad, Katihar, Saharsa, Kishanganj, Madhepura, Madubani, Muzaffarpur, Nawada, Purnea, Saran, Samastipur, Sitamarhi, Siwan, Vaishali, Nalanda and W. Champaran. (Total-27 Districts of Bihar)			
2.	Single door Refrigerator with Stabilizer	Gross storage capacity- 245ltr, 220V, 50 Hz, Frost free, Insulation- Puff/Maxi 2/ Polyurethane, CFC free, Power saver compressor, Metallic colour.	45				
3.	Washing machine	Fully Automatic Front Load, Washing Capacity-7kg, Washing method- Tumble wash, Spin speed- 800 rpm or above	60				
4.	Geyser	Capacity-50 L, 375mmX385mmX840mm (HXWXB) External Temperature Indicator, 230V, 50Hz, IPX4 Technology to protect electrical parts from water splash.	60				
5.	Split Air Conditioner	S. N.	Description	Unit	Tonnage Class 1.5 T	04	Patna
		1	Star Rating	No of BEE stars	3		
		2	Compressor	Type	Rotary		
		3	Rated Cooling Capacity	BTU/Hr	17573		
		4	Rated Cooling Capacity	Watts	5150		
		5	Rated Power Supply	Volts/Hz/P hase	230/50/1		

		6	Total power input	Watts	1490		
		7	EER	Rated Cooling Capacity	11.79		
		8	COP	Rated Cooling Capacity	3.46		
		9	Current Drawn	Amps	6.55		
		10	Fan Speed	Steps	5		
		11	Air Flow (Super High)	CFM	477		
		12	Sound level	dB	36		
		13	Dimensions(IDU) (WxHxD)	Mm	798x294x258		
		14	Dimensions(ODU) (WxHxD)	Mm	792x600x299		
		15	Net Weight (IDU)	Kg	11.1		
		16	Net Weight (ODU)	Kg	45.3		

Annexure – II

Schedule - II

Sl. No.	Name of the Item	Specification	Quantity	Place of Delivery	
1	Wall mounted RO Water Purifier	No of Purification stages:	4	60	Patna, Araria, Begusarai, Kaimur, Munger, Bhagalpur, Bhojpur, Darbhanga, Gaya, East Champaran, Gopalganj, Jehanabad, Katihar, Saharsa, Kishanganj, Madhepura, Madubani, Muzaffarpur, Nawada, Purnea, Saran, Samastipur, Sitamarhi, Siwan, Vaishali, Nalanda and W.Champaran. (Total-27 Districts of Bihar)
		Purification capacity	15 Litre per hour		
		Installation:	Wall Mounted		
		Membrane Type:	Thin Film Composite RO		
		Dimension (WxDxH):	270x505x380 mm		
		Weight:	8.6 kg		
		Operating Voltage:	300V 24V		
		Warranty:	1 Year(s)		
		Application:	Suitable for purification of Brackish, Tap Water		
		Purification Technology:	RO+UV+UF+TDS		
		Storage Capacity:	Minimum 9 Litre(s)		
		Filter Cartridge:	Carbon Block Filter, Sediment, UF & Post Carbon		
Operations	Fully Automatic with auto cut-off				
2	Search Light (Torch)	Any material, LED details- 4.0 V, 700mA, 140 Lumen, Package- Carton, LED- 3 W, battery operated cum rechargeable.	120		
3.	Room Heater	Type: Room Heater, Heat setting: 400W/800W/1200W, Power Consumption: 1200W, Heating element: Halogen tubes, No. of Heat setting: 3/4, Power Source: Electric, Feature: Silent Running	120		
4.	Ceiling Fan	Fan Size- 48", Sweep-1200 mm, RPM- 850 RPM, Blade-3, number of speed setting-5.	5	Patna	
5.	Wall Fan	3 Blade Cabin Fan, Size: 12 Inch, High speed motor, Gyroscopic movement, High Quality Material, Sweep: 300 MM, Power Input:58W, Speed: 1330 RPM, Air Delivery: 72 CMM	8	Patna	

Annexure – II

Schedule – III

Sl. No.	Name of the Item	Specification	Quantity	Place of Delivery																																																																		
1	Inverter with Battery	<p>Inverter:</p> <table border="1"> <tr> <td>Rating</td> <td colspan="2">1400 VA/ 5 KVA.</td> </tr> <tr> <td rowspan="3">Input</td> <td>Voltage range</td> <td>110V-280V AC</td> </tr> <tr> <td>Frequency Range</td> <td>50Hz +/- 5Hz</td> </tr> <tr> <td>AVR</td> <td>Four steps AVR 220v±10%</td> </tr> <tr> <td rowspan="3">Output</td> <td>Inversion voltage</td> <td>220V±3%</td> </tr> <tr> <td>Inversion frequency</td> <td>50Hz±2%</td> </tr> <tr> <td>O/P waveform</td> <td>Sine wave</td> </tr> <tr> <td>DC voltage</td> <td colspan="2">24V</td> </tr> <tr> <td>THD</td> <td colspan="2">≤3%</td> </tr> <tr> <td>Transfer time</td> <td colspan="2">≤4ms Automatic transfer</td> </tr> <tr> <td>Recharge current</td> <td colspan="2">10A-15A</td> </tr> <tr> <td>Transfer efficiency</td> <td colspan="2">85%</td> </tr> <tr> <td>Protections</td> <td colspan="2">Protection against short-circuit, overload</td> </tr> <tr> <td>Communication ports</td> <td colspan="2">RS 232</td> </tr> <tr> <td>Unit size (mm)</td> <td colspan="2">372*122*195</td> </tr> <tr> <td>Net weight (Kg)</td> <td colspan="2">13.5</td> </tr> <tr> <td>Gross weight (Kg)</td> <td colspan="2">14.9</td> </tr> <tr> <td>Shipping size (mm)</td> <td colspan="2">490*236*290</td> </tr> </table> <p>Battery:</p> <table border="1"> <tr> <td>Battery Type</td> <td>Tall Tubular</td> </tr> <tr> <td>Support</td> <td>Power Outage</td> </tr> <tr> <td>Electrolytes Volume</td> <td>Minimum 38 Litre</td> </tr> <tr> <td>Rating</td> <td>200 Ah and above</td> </tr> <tr> <td>Voltage</td> <td>12 Volt</td> </tr> <tr> <td>Weight</td> <td>Not more than 58.5 kg</td> </tr> <tr> <td>Dimension</td> <td>Not less than 54x23x44 cm</td> </tr> <tr> <td>Warranty</td> <td>Minimum 36 months</td> </tr> </table>	Rating	1400 VA/ 5 KVA.		Input	Voltage range	110V-280V AC	Frequency Range	50Hz +/- 5Hz	AVR	Four steps AVR 220v±10%	Output	Inversion voltage	220V±3%	Inversion frequency	50Hz±2%	O/P waveform	Sine wave	DC voltage	24V		THD	≤3%		Transfer time	≤4ms Automatic transfer		Recharge current	10A-15A		Transfer efficiency	85%		Protections	Protection against short-circuit, overload		Communication ports	RS 232		Unit size (mm)	372*122*195		Net weight (Kg)	13.5		Gross weight (Kg)	14.9		Shipping size (mm)	490*236*290		Battery Type	Tall Tubular	Support	Power Outage	Electrolytes Volume	Minimum 38 Litre	Rating	200 Ah and above	Voltage	12 Volt	Weight	Not more than 58.5 kg	Dimension	Not less than 54x23x44 cm	Warranty	Minimum 36 months	60	Patna, Araria, Begusarai, Kaimur, Munger, Bhagalpur, Bhojpur, Darbhanga, East Champaran, Gaya, Gopalganj, Jehanabad, Katihar, Saharsa, Kishanganj, Madhepura, Madubani, Muzaffarpur, Nawada, Purnea, Samastipur, Saran, Sitamarhi, Siwan, Vaishali, Nalanda and West Champaran. (Total-27 Districts of Bihar)
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2.	Sewing Machine	Bobbin System-Auto tripping, Button whole sewing-four step, Size-381mm X 205mm X 288mm, No of stich function- 13 or above	75	Patna, Purnea, Begusarai, Bhagalpur, E.Champaran, Saharsa, Saran, Kishanganj, Madhubani, Muzaffarpur & Gaya (Total-11)																																																																		

Annexure – II

Schedule - IV

SI No	Name of the Item	Specification	Quantity	Place of Delivery		
1.	Digital Camera	Single-lens reflex digital camera, effective angle of view- Approx. 1.5 X Lens focal length, effective pixels-16.9 million, Image sensor-23.6 X 15.6 mm CMOS sensor, Total pixels- 16.9 million, Image size(pixel)- 4,928 x 3,264 [L], 3,696 x 2,448 [M], 2,464 x 1,632 [S];	01	Patna		
2.1	CCTV Centralized Monitoring System	2 (i) HD IP Camera (135 pcs.)				
		Feature	Parameter	Description		
		Product Code	2MP Indoor / Outdoor Dome Camera			
		Camera	Image sensor	1/3" Progressive Scan CMOS		
			Lens	2.8mm with view angle minimum 92.5° (Horizontal)		
			Minimum illumination	0.028Lux @ (F2.0, AGC ON) ,0 Lux with IR		
			Shutter Speed	1/3 s to 1/100,000 s		
			Day & Night	Mechanical ICR		
			WDR	Digital		
			IR Light	upto 30 Meter (30 x IR Leds)		
		Image	Video Compression	H.264 / MJPEG.		
			Resolution	25fps(1920×1080), 25fps (1280×960), 25fps(1280×720)60Hz: 30fps(1920× 1080), 30fps (1280 × 960), 30fps (1280 × 720)		
			Video streaming	- Simultaneous H.264, MJPEG. Two Streams - Multi-profile: resolution / compression / Frame rate / video quality. 2MP (1920X1080) @ 25 fps		
			Exposure Control	Manual/Auto		
			White Balance	Auto/Fluorescent, lamp/Incandescent, lamp/Warm, light lamp/Natural light		
			S/N Ratio	75 dB minimum		
			DNR	3D		
			Image settings	Manual (Color, Brightness, Sharpness, Contrast)		
			Network	Security	HTTPS, SSL, password protection, watermark, IP address filtering	
				Supported Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS, DDNS,RTP, RTSP,RTCP, PPPoE,NTP,UPnP, SMTP,SNMP,IGMP, 802.1X,QoS,IPv6	
Dynamic Domain Name	DynDns, NO-IP					
Users	Access by 6 simultaneous users.					
Connectors	RJ-45	10 BASE - T / 100 BASE -TX.				
	Reset	Reset to factory default.				
			135	Patna, Araria, Begusarai, Kaimur, Munger, Bhagalpur, Bhojpur, Darbhanga, East Champaran, Gaya, Gopalganj, Jehanabad, Katihar, Saharsa, Kishanganj, Madhepura, Madubani, Muzaffarpur, Nawada, Purnea, Samastipur, Saran, Sitamarhi, Siwan, Vaishali, Nalanda and West Champaran. (Total-27 Districts of Bihar)		

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2.2	CCTV Centralized Monitoring System	<table border="1"> <tr> <td colspan="3">2 (ii) Network CCTV Video Recorder (45 pcs.)</td> </tr> <tr> <td>OS</td> <td colspan="2">Embedded Linux</td> </tr> <tr> <td>CPU</td> <td colspan="2">ARM Processor</td> </tr> <tr> <td>Flash</td> <td colspan="2">256MB</td> </tr> <tr> <td>RAM</td> <td colspan="2">1GB</td> </tr> <tr> <td>Watchdog</td> <td colspan="2">Hardware + Software</td> </tr> <tr> <td>Power Restoration</td> <td colspan="2">System Restart Automatically after Power Recovery</td> </tr> <tr> <td>HDD Devices</td> <td colspan="2">Internal x2</td> </tr> <tr> <td>HDD Max. Capacity</td> <td colspan="2">6TB x2</td> </tr> <tr> <td rowspan="2">Disk Management</td> <td colspan="2">Create, Format and Remove Disk</td> </tr> <tr> <td colspan="2">HDD S.M.A.R.T</td> </tr> <tr> <td colspan="3">Video</td> </tr> <tr> <td>Video Output</td> <td colspan="2">1 x HDMI, 1 x VGA</td> </tr> <tr> <td>Resolution</td> <td colspan="2">1920 x 1080, 1280 x 720</td> </tr> <tr> <td>Graphics Decoder</td> <td colspan="2">Hardware decoding</td> </tr> <tr> <td rowspan="3">Decoding Capacity</td> <td colspan="2">H.264:</td> </tr> <tr> <td colspan="2">2560 x 1920 @ 30 fps (1-CH)</td> </tr> <tr> <td colspan="2">1920 x 1080 @ 120 fps (4-CH)</td> </tr> <tr> <td></td> <td colspan="2">1280 x 720 @ 240 fps (8-CH)</td> </tr> <tr> <td>Camera Position</td> <td colspan="2">Change the view cell position on the Live View screens</td> </tr> <tr> <td colspan="3">External Interface</td> </tr> <tr> <td rowspan="2">USB Interface</td> <td colspan="2">Front: 2 (USB 2.0)</td> </tr> <tr> <td colspan="2">Back: 1 (USB 2.0)</td> </tr> <tr> <td>Alarm In</td> <td colspan="2">8</td> </tr> <tr> <td>Alarm Out</td> <td colspan="2">4</td> </tr> <tr> <td>Audio</td> <td colspan="2">1 x 3.5 Phone Jack Audio Output 1 x 3.5 Phone Jack Audio Input (Reserved)</td> </tr> <tr> <td>External HDD</td> <td colspan="2">1 x eSATA Port</td> </tr> <tr> <td>RS232</td> <td colspan="2">1 Port (Reserved)</td> </tr> <tr> <td>RS485</td> <td colspan="2">1 Port (Reserved)</td> </tr> <tr> <td colspan="3">Network</td> </tr> <tr> <td>Network Interface</td> <td colspan="2">1 x RJ-45 10/100/1000Mbps Ethernet interface</td> </tr> </table>	2 (ii) Network CCTV Video Recorder (45 pcs.)			OS	Embedded Linux		CPU	ARM Processor		Flash	256MB		RAM	1GB		Watchdog	Hardware + Software		Power Restoration	System Restart Automatically after Power Recovery		HDD Devices	Internal x2		HDD Max. Capacity	6TB x2		Disk Management	Create, Format and Remove Disk		HDD S.M.A.R.T		Video			Video Output	1 x HDMI, 1 x VGA		Resolution	1920 x 1080, 1280 x 720		Graphics Decoder	Hardware decoding		Decoding Capacity	H.264:		2560 x 1920 @ 30 fps (1-CH)		1920 x 1080 @ 120 fps (4-CH)			1280 x 720 @ 240 fps (8-CH)		Camera Position	Change the view cell position on the Live View screens		External Interface			USB Interface	Front: 2 (USB 2.0)		Back: 1 (USB 2.0)		Alarm In	8		Alarm Out	4		Audio	1 x 3.5 Phone Jack Audio Output 1 x 3.5 Phone Jack Audio Input (Reserved)		External HDD	1 x eSATA Port		RS232	1 Port (Reserved)		RS485	1 Port (Reserved)		Network			Network Interface	1 x RJ-45 10/100/1000Mbps Ethernet interface		45	Patna, Araria, Begusarai, Kaimur, Munger, Bhagalpur, Bhojpur, Darbhanga, East Champaran, Gaya, Gopalganj, Jehanabad, Katihar, Saharsa, Kishanganj, Madhepura, Madubani, Muzaffarpur, Nawada, Purnea, Samastipur, Saran, Sitamarhi, Siwan, Vaishali, Nalanda and West Champaran. (Total-27 Districts of Bihar)
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PoE	8x 802.3af Compliant PoE Ports (Total Max. 80W)
Protocols	IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, DDNS, IP Filter
Power	
Power Input	DC56V 2.5A
Power Consumption	Max. 120W
LED Indicator	
LED Indicator	Power, Status, Record, HDD1, HDD2, eSATA, Ethernet, Port1~Port8
Mechanic	
Form Factor	Desktop
Operation Buttons	Power (Front) / Reset (Back)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Humidity	0~95%
General	
Safety Certifications	CE, LVD, FCC, VCCI, C-Tick
Client PC Requirements	
Operating System	Microsoft Windows OS: XP/Vista/7/8/2008/2012
CPU	Intel Celeron or above
Memory	2 GB or above
Ethernet	10/100Mbps
Display Resolution	1024 x 768 pixels or above
Web Browser	Internet Explorer 10 (32 bit) or above
Software AP	Installation Wizard 2, ST7501, VAST
Mobile APP, Tablet APP	Connect, iViewer (iOS) Connect, iViewer (Android)
Accessories	
CD	User's Manual, Quick Installation Guide (QIG), Installation Wizard 2
Others	Power Adapter, Power Cord, Quick Installation Guide, 16 x H.D.D. Screws, 4 x H.D.D. Brackets, 1 x USB Mouse, 2 x SATA Cables
Software Information	
Record	
Maximum Channel	8
Record Throughput (MB)	64 Mbps
Network Throughput (MB)	48 Mbps
Audio Format	G.711, G.726
Video Format	MJPEG, H.264
Video Resolution	VGA, 1MP, 2MP, 3MP & 5MP Camera

<i>Recording Time (sec.)</i>	<i>Pre-Record: 5 (max. 10)</i>
	<i>Post-Record: 20 (max. 300)</i>
<i>Recording Stream</i>	<i>Single</i>
<i>Recording Mode</i>	<i>Continuous, Schedule, Manual, Event, Activity Adaptive Streaming</i>
<i>Recording Setting</i>	<i>Recycle (unit: Day)</i>
<i>Recording Path</i>	<i>Local Path</i>
<i>Record Video Format</i>	<i>3GP</i>
Live View (Local Display)	
<i>Stream Application</i>	<i>Auto Adaptive Stream</i>
<i>Live View Display</i>	<i>8 Channel</i>
	<i>Multi Layout display: 1x1, 1x3 (Corridor View), 2x2, 3x3, 1+5, 1+3, 1+1+3 (1P), 1+3+3 (1P)</i>
	<i>Not support de warp function from fisheye cameras</i>
<i>Monitor Enhancement</i>	<i>OSD Display (NVR), OSD Display (Camera), Camera Information, Remote I/O Control, Event Notification, Aspect Ratio</i>
<i>PTZ Control</i>	<i>Panel Control</i>
<i>PTZ Operation</i>	<i>Direction Control, Home, Iris, Preset, Patrol (Group), PiP Control</i>
Playback (Local Display)	
<i>Playback Display</i>	<i>1 Channel</i>
	<i>Multi Layout Display: 1x1</i>
<i>Playback Control</i>	<i>Regular (Play, Pause, Stop), Rewind, Next / Previous Frame, Speed Control, Calendar, Event, Timeline, Timeline Scale, Thumbnail (Storyboard)</i>
<i>Video Search</i>	<i>By calendar, by date/time, by alarm</i>
<i>Thumbnail Explorer (Storyboard)</i>	<i>Listing the thumbnail of recorded video (Max. 2 CH)</i>
<i>Monitor Enhancement</i>	<i>OSD Display (Camera), Event Notification, Aspect Ratio, PiP Control</i>
<i>Snapshot</i>	<i>JPEG</i>
<i>Video Clip Export</i>	<i>EXE</i>
LiveView (Remote)	
<i>Stream Application</i>	<i>Stream Selection</i>
<i>Audio Capability</i>	<i>One Way</i>
<i>Live View Display</i>	<i>8 Channel</i>
	<i>Multi Layout display: 1x1, 2x2, 3x3, 1+3, 1+5</i>
<i>Monitor Enhancement</i>	<i>OSD Display (NVR), Drag & Drop, Image Freeze, Audio Control, Remote I/O Control, Event Notification, Bookmark</i>
<i>PTZ Control</i>	<i>Panel Control</i>
<i>PTZ Operation</i>	<i>Direction Control, Home, Zoom, Focus, Iris, Preset, Patrol (Group), PiP Control</i>

		<i>Snapshot</i>	<i>JPEG</i>		
		<i>Playback (Remote)</i>			
		<i>Playback Display</i>	<i>4 Channel</i>		
			<i>Multi Layout display:</i>		
			<i>1x1, 2x2, 1+3</i>		
		<i>Playback Control</i>	<i>Regular (Play, Pause, Stop), Next Frame, Speed Control, Calendar, Timeline, Timeline Scale, Bookmark</i>		
		<i>Monitor Enhancement</i>	<i>OSD Display (NVR), Drag & Drop, Audio Control, PiP Control</i>		
		<i>Snapshot</i>	<i>JPEG</i>		
		<i>Video Clip Export</i>	<i>EXE</i>		
		<i>Alarm Management</i>			
		<i>Schedule Type</i>	<i>Continuous, Schedule, Manual</i>		
		<i>Event</i>	<i>Motion Detection, PIR Detection, Tampering Detection, Digital Input (Camera), Digital Output (Camera), Connection Abnormal, Storage Abnormal, Storage Full, Camera Network Loss, DI, DO</i>		
		<i>Action</i>	<i>Record, Email (Text), Email (Snapshot), FTP Buzzer, PTZ Control (Go to Preset), NVR DO, Camera DO</i>		
		<i>Recording Time (sec.)</i>	<i>Pre-Record: 5 (max. 10), Post-Record: 20 (max. 300)</i>		
		<i>Backup</i>			
		<i>Manual</i>	<i>USB Dongle (FAT Format)</i>		
		<i>System</i>			
		<i>User Management</i>	<i>User Account: 10</i>		
			<i>User Account Time Limit: 10 mins</i>		
			<i>User Level: Administrator / Regular User</i>		
			<i>User Feature Definition: By Camera</i>		
		<i>Log</i>	<i>System, Recording, User, Error</i>		
		<i>Date &Time</i>	<i>Time Zone, Manual, Automatic Sync NTP, Daylight Saving Time</i>		
		<i>Firmware</i>	<i>Manual update</i>		
		<i>Restore Default</i>	<i>Supported</i>		
		<i>Backup/Restore</i>	<i>Supported</i>		
		<i>Language</i>	<i>English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese, Korean, Czech</i>		
		<i>Camera Integration</i>			
		<i>Insert Camera</i>	<i>Manual, Search</i>		
		<i>Video (Media) Setting</i>	<i>Compression, Resolution, FPS, Video Quality</i>		
		<i>Image Setting</i>	<i>Image Display Image Adjustment</i>		
		<i>PTZ Control</i>	<i>Panel Control</i>		
		<i>PTZ Operation</i>	<i>Direction Control, Home, Preset, Patrol (Group)</i>		
		<i>Motion Detection</i>	<i>Supported</i>		

		<i>Device Integration</i>			
		<i>UPS</i>	<i>APC Model Compatible</i>		
		Warranty Support one Years			
2.3	CCTV Centralized Monitoring System	2 (iii) Firewall with VPN Gateway		01	Patna
		GE RJ45 WAN Ports	1		
		GE RJ45 Switch Ports	4		
		USB Ports (Client / Server)	1/1		
		System Performance			
		Firewall Throughput (1518 / 512 / 64 byte UDP packets)	800 / 800 / 800 Mbps		
		New Sessions/Second (TCP)	3,500		
		Firewall Policies	5,000		
		IPsec VPN Throughput (512 byte packets)	350 Mbps		
		Gateway-to-Gateway IPsec VPN Tunnels	20		
		Client-to-Gateway IPsec VPN Tunnels	250		
		SSL-VPN Throughput	25 Mbps		
		Concurrent SSL-VPN Users (Recommended Maximum)	80		
		IPS Throughput (HTTP / Enterprise Mix)	150/35 Mbps SSL Inspection Throughput		
		Maximum Number	20		
		Maximum Number of Registered	10		
		Power Required	100–240V AC 50–60 Hz		
		Maximum Current	110 V / 0.6 A, 220 V / 0.3 A		
		Power Consumption (Average/Max.)	10 / 12 W		
		Safety	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL,CB		
		Certifications			
		Software Subscription	Network Anti-Virus, IPS 1 Year		
		Network Rack with wall mount			
		Network cabling with PVC pipe for camera			
		UPS 1 KVA (1)	Power Back up system (15-20 minutes minimum)		
		Warranty Support One Year			
		Installation charge with one year maintenance charge			

Annexure - II

Schedule-V

SL	Name of the item	Specification	Quantity	Place of delivery
1	Big Almirah	Slimline with locker – 900mm X 507mm X 1950mm (WXDXH)	06	Patna
2	Baby Cradle	Standard Wooden Cradle with Superior cotton fabric and mattress, Battery: No, Age group: 0 to 5 yrs., Ideal for: Boys and Girls; Feature: Swinging with lock and portable, Cradle Dimension: not less than 90(L)x37(W)x70(H) cm; (190 nos. with long chains for hanging)	490	In all 38 districts of Bihar

ANNEXURE-III - FINANCIAL BID

Schedule – I

Sl. No.	Name of the Items	Specification and Quantity of Goods	Price of each Unit			Total Price	
			Price of each unit Excluding taxes	Applicable Taxes per unit	Transportation, freight, local incidence support, etc.	In Figure	In words
1.	HD Dish Connection	As per Annexure-II Schedule - I					
2.	Single door Refrigerator with Stabilizer	As per Annexure-II Schedule - I					
3.	Washing machine	As per Annexure-II Schedule - I					
4.	Geyser	As per Annexure-II Schedule - I					
5.	Split Air Conditioner	As per Annexure-II Schedule - I					
TOTAL PRICE							

Note: *In case of discrepancy between unit price and total price, the unit price shall prevail.*

Signature of Bidder:

Name:

Business Address:

.....

Place:

ANNEXURE-III - FINANCIAL BID

Schedule – II

Sl. No.	Name of the Items	Specification and Quantity of Goods	Price of each Unit			Total Price	
			Price of each unit Excluding taxes	Applicable Taxes per unit	Transportation, freight, local incidence support, etc.	In Figure	In words
1.	Wall mounted RO Water Purifier	As per Annexure-II Schedule - II					
2.	Search Light (Torch)	As per Annexure-II Schedule - II					
3.	Ceiling Fan	As per Annexure-II Schedule - II					
4.	Wall Fan	As per Annexure-II Schedule - II					
5.	Room Heater	As per Annexure-II Schedule - II					
TOTAL PRICE							

Note: *In case of discrepancy between unit price and total price, the unit price shall prevail.*

Signature of Bidder:

Name:

Business Address:

.....

Place:

ANNEXURE-III - FINANCIAL BID

Schedule – III

Sl. No.	Name of the Items	Specification and Quantity of Goods	Price of each Unit			Total Price	
			Price of each unit Excluding taxes	Applicable Taxes per unit	Transportation, freight, local incidence support, etc.	In Figure	In words
1.	Inverter with Battery	As per Annexure-II Schedule - III					
2.	Sewing Machine	As per Annexure-II Schedule - III					
TOTAL PRICE							

Note: *In case of discrepancy between unit price and total price, the unit price shall prevail.*

Signature of Bidder:

Name:

Business Address:

.....

Place:

ANNEXURE-III - FINANCIAL BID

Schedule - IV

Sl. No.	Name of the Items	Specification and Quantity of Goods	Price of each Unit			Total Price	
			Price of each unit Excluding taxes	Applicable Taxes per unit	Transportation, freight, local incidence support, etc.	In Figure	In words
1.	Digital Camera	As per Annexure-II Schedule - IV					
2. [(i), (ii) and (iii)]	CCTV Centralized Monitoring System	As per Annexure-II Schedule - IV					
TOTAL PRICE							

Note: *In case of discrepancy between unit price and total price, the unit price shall prevail.*

Signature of Bidder:

Name:

Business Address:

.....

Place:

ANNEXURE-III - FINANCIAL BID

Schedule - V

Sl No	Name of the Items	Specification & Quantity of Goods	Price of each Unit		Total Price	
			Price of each unit including all taxes	Transportation, freight, local incidence support, etc.	In Figure	In words
1.	Big Almirah	As per Annexure – II Schedule – V				
2.	Baby Cradle	As per Annexure – II Schedule – V				
TOTAL PRICE						

Note: *In case of discrepancy between unit price and total price, the unit price shall prevail.*

Signature of Bidder.....
Name.....
Business Address:
.....
Place:

Annexure: - IV - Experience of supplying of goods for at least three years.

Subject: Bid for the supply of _____

Detail information regarding orders executed for at least Three years.

- a) It is mandatory to appropriately fill each column. Use extra sheet if the space below is insufficient.
- b) Enclose certified copies of the purchase order in chronology.

Sl.	Reference to order no. and date for completion and delivery as per order	Amount of order	Name of the office/authority by which the order was placed	Date of completion of delivery of the order	Reason for the exemption of order or delay in supplies of order, if any
1					
2					
3					
4					
5					
6					

7					
8					
9					
10					

Date:

Authorized Signature of supplier with stamp

Place: