Sl.No.	RFP Volume	RFP Section / Page No.	Existing Clause	To Be Read as
I.	Volume - 1	3.4 NRC UPATION PROCESS Page No. 15 Point (x)	established at each LRCR office for a cluster of 15-20 villages covering a population of approximately 21,000. Each Help Desk will have 2 Computer Operators with 1 Computer (Laptop) and one Heavy duty printer to issue Legacy Data extract printout. Printer should have a paper feeding and printing system to enable printing only of the extract (of digitised data) to save paper. In case it is found that the system of Legacy Data Printout is taking too much time, modular increase (additional HR with a computer (Laptop) and Printer) shall be made to the LRCR level.	each LRCR office for a cluster of 15-20 villages covering a population of approximately 21,000. Each Help Desk will have 2 Computer Operators with Two (2) Computers (Laptops) and one Heavy duty printer cum Scanner to issue Legacy Data extract printout. Printer should have a paper feeding and printing system to enable printing only of the extract (of digitised data) to save paper. In case it is found that the system of Legacy Data Printout is taking too much time, modular increase (additional HR with a computer (Laptop) and Printer) shall be made to the LRCR level.
II.	Volume - 1	3.4 NRC	(xi) A model NRC Seva Kendra shall be	(xi) A model NRC Seva Kendra shall be

		UPATION	established to be located at a prime location	established to be located at a prime location of
		PROCESS	of the State's Capital City Guwahati. The	the State's Capital City Guwahati. The model
	Page No. 15		model centre would be of a 3-4 times more of	centre would be of a 3-4 times more of the size
			the size of a regular NRC Seva Kendra	of a regular NRC Seva Kendra located at
		Point (xi)	located at LRCR office. It would act as the	LRCR office. It would act as the
			model/showcase for all the activities to be	model/showcase for all the activities to be
			carried out by NRC Seva Kendras across the	carried out by NRC Seva Kendras across the
			state. The Centre would be equipped with 20	state. The Centre would be equipped with $\underline{10}$
			computer operators and 10 computers and 5	computer operators, 1 Operations Manager and
			printers.	1 Customer Support Executive equipped with
				12 computers and 10 printers cum scanners.

III.	Volume - 1	4 SCOPE OF	H.	Tr	ain end users on	different modules of	H.	Trai	n end users on o	lifferent modules of
		WORK FOR SI	NRO	C softv	vare application.	The following is the	NRO	C softwa	re application.	The following is the
		II. IT &	IT & tentative list of Department users needs to be tentative list of Department users need							users need to be trained
		Non- IT	trair	ned on	the NRC softwa	re application:	on the	he NRC	software applic	ation:
		Infrastructure for		S.No.	Level	No. of Trainees		S.No.	Level	No. of Trainees
		NRC	_	1	G' 1	206		1	G' 1	206
		Application		1.	Circle	306		1.	Circle	306
		Software		2.	District	54		2.	District	54
		Deployment in								
		Data Centre		4.	State Level	25		4.	State Level	25
		(DC)			Total	385			Total	385
		Point H								
								- T-	4: f 1	
									_	rtment user Training:
									•	char and Guwahati
										f trainees per location:
									per location	1 . 1
									tch Size : 25 tra	
									=	s: Training venue and
									•	ture in each location
								<u>sha</u>	all be arranged a	nd paid by SI.
								a		, DMG G
							Α.	Super	User Training	to PMC Consultants:

	Number	of Trainees: Two PMC Consultants (to
	be nomi	nated by the Department)
	Scope of	f Training: Detailed System, Application,
	Databas	e.
	Locatio	n: Guwahati
	B. Bus	iness Analytic Tool Training:
	Number	of Trainees: Six (to be nominated by the
	departm	ent)
	Scope o	f Training: Detailed user level training of
	the prop	osed tool
	Locatio	n: Guwahati.
	Note:	For all categories of training - User
	Manual	s and SOPs to be provided by the SI in
	both sof	t and hard form. (Language – English)

	IT Infrastructure for NRC Application Software Deployment in NRC DC					
IV.						
	Volume – I	5.2.1	Existing Table in Page no. 44 to be replaced with the below table:			
		Infrastructure				
		requirements				
		Page No. 44				

Existing Table to be replaced and Read as below:

S.No	Item	Quantity
1.	Blade Servers (Web Server, App server, DB server in High Availability mode with minimum six blades	1
2	SAN Storage Usable 40 TB	1
3	24 port SAN Switches	1 pair
4	12 Port Switches	1 pair

5	Firewall	1
6	Router	1
7	Virtual Tape Library	1
8	Backup Software	1
9	42U Racks	2
10	In-row Cooler	2
11	UPS 40 KVA	1
12	Centralized Help Desk (manned by two resources)	1
13	Others	

The proposed room layout is attached in Annexure III. SI is required to undertake the civil work like fire proof wall coating, flooring and ceiling work.

^{*}The bidders are encouraged to visit the proposed DC location in consultation with the department and assess the exact requirements

14	Enterprise Database	As required
15	Business Analytics tool	As required

Indicative Specification are provided in Annexure I.

Additional Specifications to be appended to Annexure I

NOTE: The specifications mentioned below are indicative only, The bidder shall make an independent assessment and propose based on the requirements and meet the SLAs.

In-Row Cooler(10 KW)				
Features	Specifications			
In-Row architecture	Should Capture hot exhaust air directly from the IT equipment, so as to increase the unit's sensible cooling capacity over traditional cooling architectures.			
Modular design	Have a modular design to provide scalable solutions to add cooling as demand increases.			
Scalable densities	Allow for higher densities to be achieved by integrating containment with room, row and rack cooling system architectures.			
Scroll compressors	Utilize few moving parts for increased reliability and life expectancy.			

Washable filters	Should be Easy to maintain, cleanable, deep loading mesh filter to remove particles from the return air stream.
Containment system compatible	The unit should have ability to be combined with a Rack or Hot Aisle Containment System to eliminate hot air mixing and maximize cooling efficiency
Head pressure control	Modulate refrigerant head pressure to protect from coil freeze.
Predictable cooling	Placing the unit in the row of racks should move the source of cooling closer to the heat load so as to eliminate air mixing and provide a predictable cooling architecture.
Rack Inlet Temperature Control	Reduce the risk of hot spots at the rack level
Active response controls	Monitor and actively adjusts cooling capacity to ensure proper server inlet temperatures. Through the microprocessor controller, visibility into the operation and health of the unit should be provided.

STANDARD COMPONENTS

A. Cabinet Construction

1. Front and rear exterior panels shall be 18 gauge perforated steel with 69.5% open free area, and equipped with a keyed lock to provide a means of securing access to the internal components of the unit. Exterior panels shall be 18 gauge steel with 80 kg/m3 (5 lb/ft3) density foam insulation. Insulation complies with UL94-5VA ASTM E84 flame spread and smoke developed rating of 25/50.

- 2. The frame shall be constructed of 16 gauge formed steel welded for maximum strength. All units shall provide maintenance from the front and rear, allowing units to be placed within a row of racks.
- 3. All exterior panels and frame shall be powder coated for durability and attractive finish. Exterior frame and panel color shall have color values: L = 74.50, a = -0.53, b = +8.20.
- 4. Units shall include casters and leveling feet to allow ease of installation in the row and provide a means to level the equipment with adjacent IT racks.

B. Fans

- 1. Variable speed direct drive mixed flow DC fan assembly:
- a. The unit shall be configured for draw-through air pattern to provide uniform air flow over the entire face of the coil. Each unit shall include six 200 mm mixed flow direct drive DC axial fans. Each fan assembly should be designed to provide 180.1 l/s (381.7 CFM) for total unit airflow of 1080.76 l/s (2290 CFM).
- b. Variable speed fans: Fans shall be variable speed capable of modulating from 30-100%. Fans shall soft start to minimize in-rush current.
- c. Fan protection: Each fan assembly shall consist of a plastic injection moulded bezel with integral fan discharge finger guard. Inlet of the fan should include a cage type finger guard.
- d. Operation and service: The unit should be capable of operation in the event of a fan failure. Fans shall be replaceable while the unit is in operation.

D. Microprocessor Controller

- 1. Monitoring and configuration: The display interface shall allow monitoring and configuration of the air conditioning unit through a menu-based control. Functions include status reporting, set-up, and temperature set points. Four LEDs report the operational status of the connected air conditioning unit.
- 2. Controls: The microprocessor controller shall come equipped with control keys to allow the user to navigate between menus, select items, and input alpha numeric information.
- 3. Alarms: The microprocessor controller shall activate a visible and audible alarm in the occurrence of the following events:
- Cool Fail
- Air filter clogged
- Return air sensor fault
- Supply air sensor fault
- Rack temperature sensor fault
- High discharge pressure
- Low suction pressure
- Fan fault
- Water detected
- Condensate pump fault
- Air filter run hours violation
- Group communication fault
- Supply air high temperature violation

- Return air high temperature violation
- Filter DP sensor failure
- Suction pressure sensor failure
- Discharge pressure sensor failure
- Persistent high discharge pressure fault
- Rack inlet temperature high violation
- External communication fault
- Internal communication fault
- On standby input contact fault
- A-link isolation relay fault
- Excessive compressor cycling
- Condensate pan full
- Upper fan power supply fault
- Lower fan power supply fault
- Suction temperature sensor failure
- Persistent low suction pressure fault
- High suction pressure
- 4. Logging: The microprocessor controller shall log and display all available events. Each alarm log shall contain time/date stamp as well as operating conditions at the time of occurrence. The controller shall display the run time hours for major components.

E. Network Management Card

The unit shall include a Network Management Card to provide management through a computer network through TCP/IP. Management through the network should include the ability to change set points as well as view and clear alarms.

F. Cooling Coil And Condensate Pan

a. The cooling coil shall use corrugated aluminium fin and copper tube coils. The coil header is equipped with a drip plate in the bottom to capture and direct the condensation accumulating on the suction header tube to the drain pan.

G. Compressor

- 1. SCROLL COMPRESSOR
- a. The high EER (up to 20.0) and few moving parts of scroll compressors shall provide efficient and reliable operation. Scroll technology has unparalleled ability to withstand liquid refrigerant 'slugging' which is a major cause of compressor failure.

H. Condensate Pump

- 1. Dual factory installed and wired condensate pumps shall pump at 9.8 l/h (2.6 g/hr) at 4.9 m (16 ft) of head. Each pump shall have dual internal floats.
- 2. Each pump shall have a condensate reservoir made of polymeric materials to prevent corrosion.
- I. Filters
- a. The standard filters shall be 20% efficient per ASHRAE 52.1, MERV 1 per ASHRAE 52.2, 1/2 in washable mesh filter.
- b. The optional filter shall be high capacity 2 in pleated, UL 900 Class 2, moisture resistant, with average atmospheric dust spot efficiency of 30%, per AHRAE Standard 52.1, MERV 8 per ASHRAE 52.2.
- J. Temperature Sensors
- 1. Internal Temperature Sensors: The rmistor temperature sensors shall be mounted behind the front and rear doors to provide control inputs

based on supply and return air temperature. Sensor accuracy shall be within ± 1 degree F accuracy.

2. Remote Temperature Sensors: One remote rack inlet temperature sensor shall be shipped with the unit to provide control input based on rack inlet temperature.

M. Bridge Power Cable Trough

- 1. An overhead power distribution bridge, that sits between adjacent Net Shelter racks and allows for removal of the unit without disrupting the overhead power cabling, is available as an accessory.
- 2. Cable trough shall be constructed of 16 gauge cold rolled steel with a black powder coat finish.

N. Bridge Data Partition

- 1. An overhead cable distribution, that sits between adjacent Net Shelter racks and allows for removal of the unit without disrupting overhead cabling, is available as an accessory.
- 2. Data partition shall be constructed of 16 gauge cold rolled steel with a black powder coat finish.

UPS 40 KVA					
MECHANICAL CHARACTERISTICS					
Frame Specifications					
Configuration should accommodate	Max.	4 or more modules (20kW)			
Max. Power per Rack for future scalability	kW	80 or more			
MODULE SPECIFICATIONS					

Output Active Rated Power	KW	20 (each module)
Output Active Rated Power	K W	20 (each module)
Module Height		3U
Weight UPS Module	kg	<25 Kgs
INPUT CHARACTERISTICS		
Output Rated Power per Module cosφ 0.8	kVA	20
Output Rated Power per Module cosφ 1.0	KW	20
Nominal Input Voltage	v	3x380/220V+N, 3x400V/230V+N, 3x415/240V+N
Input Voltage Tolerance	v	(-23%/+15%) 3x308 V to 3x460 V for <100 % load
for Loads in %		(-30%/+15%) 3x280 V to 3x460 V for < 80 % load
		(-40%/+15%) 3x240 V to 3x460 V for < 60 % load
Input Frequency	Hz	35 – 70
Input Power Factor		0.99 @ 100 % load
Input Distortion THDI		Sine-wave THDi = < 3 % @ 100% load
Max. Input Power	kW	21
Max. Input Current A		30.4
BATTERY CHARACTERISTICS		

Variable Number of 12V Battery Blocks		30-50 Nos.	
Temperature compensation		Standard	
Battery Test		Automatic and periodically (adjustable)	
Batery Back-up time		60 minutes	
Battery Type		Maintenance free VRLA Type	
		(25200 VAH with each 20 KW module)	
OUTPUT CHARACTERISTICS			
Output Rated Power per Module	kVA	20	
Output Rated Power per Module	KW	20	
Output Current In @cosphi 1.0 (400 V) A		29	
Output Rated Voltage V		3x380/220V or 3x400/230V or 3x415/240V	
Output Voltage Stability	%	Static: < +/- 1%	

		Dynamic (Step load 0%-100% or 100%-0%): +/- 4%	
Output Voltage Distortion	%	With Linear Load: < 1.5% With Non-linear Load < 3%	
		With Non-linear Load < 5%	
Output Frequency	Hz	50 Hz	
Output Frequency Tolerance	%	Synchronized with mains : < +/- 2 % (selectable for bypass operation) or < +/- 4 % Free running +/- 0.1 %	
Bypass operation		At Nominal Input voltage of 3x400 V +/- 15%	
Permissible Unbalanced Load	%	100%	
Overload Capability on Inverter	%	125 % load for 10 minutes and 150 % load for 60 sec.	
Output short capability (RMS)	A	Inverter: 3 x In during 40 ms	
		Bypass: 10 x In during 20 ms	
Crest – Factor		3:1	
ENVIRONMENTAL CHARACTERISTICS			

Audible Noise with 100% Load	dBA	57	
Operation temperature	°C	0 – 40	
Ambient Temperature for Batteries (recommended)	°C	20 – 25	
Storage Temperature	°C	-25 - +70	
Max. altitude (above sea level)	m	1000m (3300ft) without de-rating	
Relative Air-humidity		Max. 95% (non-condensing)	
Efficiency AC-AC	%	% 95.5% @ 100% load	
		95% @ 50% load	
		94.5%@ 25% load	
Eco-Mode efficiency	%	98 %	
STANDARDS			
Safety	EN 62040-1-1, EN 60950-1		

Electromagnetic Compatibility	EN 62040-2	
Performance	EN62040-3	
Product certification	CE	
Degree of protection	IP 20	
COMMUNICATION		
Power Management Display (PMD)	1 LCD display for each module	
Customer Interfaces : Outputs	5 voltage free contacts	
DRY PORT X 2	For remote signalling and automatic computer shutdown	
Customer Interfaces : Inputs	1 x Remote Shut down [EMERGENCY OFF]	
DRY PORT X1	2 x Programmable Customer's Inputs	
	1 x Temp. Sensor for Battery Control	
Serial ports RS232 on Sub-D9	1 x system frame	
	For monitoring and integration in network management	

USB	1x For monitoring and software management			
SNMP	SNMP card (For monitoring and integration in network management)			
	Centralized Help Desk			
	a) The helpdesk solution Should cover at least the following processes: Incident management, Problem Management, Change Management, Service Level Management, Service Asset and Configuration management, Service Catalog and Request Fulfilment.			
b) 2. The solution should provide out-of-the-box categorization, as well as routing and escalation workflows that can be triggered based on criteria such as SLA, impact, urgency, location or customer.				
Specifications for Business Analytic Tool				
Should have facility to set business rules				
2. Should generate alerts on set rules				
3. Should generate exception reports violating set rules				
4. Should have ability for data mining				

- 5. Should provide facility to manage users
- 6. Should have ability to generate aggregated and dis-aggregated reports

Infrastructure ¹ for NRC Seva Kendra							
V.	Volume – I	Section 5. Page No.		Existing Infrastructure table is Revised and to be read as			
Item Name	Item Name Quantity Specifications						
Laptop Computer				2	Specifications as mentioned below		
(Brand new)							
Re vised Sp	ecifications for	Brand new	Laptop co	omputer			
Item			Description				
Processor			x86 Multi Core Processor; Min 1.8 Ghz and 2 MB cache with SYSMark2012 score of 65 and Above				
Chipset			CPU Supportive Chipset				

¹Space for NRC SevaKendra and electricity shall be provided by the department

System Memory	Minimum 4GB DDR3 RAM-1333 Mhz or Higher
Graphics	Integrated Graphics
Hard Drive	500GB 5400 rpm HDD
Removable Storage	DVD Drive
Display	LED HD 14" with 1024x768 resolution or higher
Communications	Integrated Ethernet (10/100)
Integrated Wireless	Integrated 802.11 b/g/n
Bluetooth	Bluetooth 3.0 or higher
Keyboard	Standard full size Keyboard with touchpad
Battery Life	4-cell Battery Up to 4.5 hours and above

Power	External 65-watt AC adapter	
	VGA - One(1)	
	HDMI- One(1)	
Interfaces / Ports	Power connector -One(1)	
Interfaces / Torts	RJ-45/Ethernet -One(1)	
	USB 3.0- one (1)	
	USB 2.0- Two(2)	
Operating System	Genuine Windows XP / 7 / 8.1 Professional	
Item	Description	
Processor	x86 Multi Core Processor; Min 1.8 Ghz and 2 MB cache with SYSMark2012 score of 65 and Above	

Item Name	Quantity	Specifications
Extra Display Screen	1	21" LCD screen
Item Name	Quantity	Specifications
External web camera	<u>1</u>	External web camera specifications (New): With minimum resolution snapshots at 5 mega pixel With a USB port to be connected to laptop computer
	,	
Item Name	Quantity	Specifications
Scanner cum Printer	1	Specifications as mentioned below

New Specifications for Brand new Scanner cum Printer (B/W Laser Printer with scanner Medium Duty)

Criteria	Specification
Functions	Print, copy, scan
Print /Copy speed black	Normal: Up to 20 ppm or higher
Scan Speed B/W	7 page per minute
Print Paper Size	A4/Legal
Duty Cycle Per Month	8000 Pages(A4 Size) or higher
Supported Media Types	Labels, Cards, Transparencies, Envelopes, Plain paper
Print Languages	Host Based
Processor speed	195 MHZ or Higher

Compatible Operating Systems	Microsoft® Windows® 8, Windows® 7, Windows® XP
Memory	16 MB or higher
Input Tray Capacity	150 Pages or higher
Scanner Type	Flat Bed with ADF
Scan Resolution	Up to 1200 x 1200 dpi
Maximum Document Enlargement	400%
Minimum Document Reduction	25%
Scan File Formats	PDF, TIF, BMP, GIF, JPG
Power	Input Voltage: 100 to 240 VAC(+/- 10%), 50/60 HZ(+/- 3HZ)
Power Consumption (Maximum)	500 Watts (Printing) or Lower

Energy Efficiency				Energy® Star qualified		
Item Name			Quantity		Specifications	
Barcode Label Printer 1			1		Specification as mentioned below	
Barcode Label Printer Specifications (New):						
1.	Interface	Para	Parallel & Serial with cables (for parallel provide PCI based parallel Interface card)			
2.	Resolution	203 dpi				
3.	Print Speed	10 ips				
4.	Print Width	4.09 Inches				
5.	Cabinet	Metallic				

6.	Printing Method	Thermal Transfer / Direct Thermal
7.	Memory	Minimum 2MB Flash and 8 MB SDRAM
8.	OS support	Windows XP and above
9.	Symbologies	Linear, PDF-417, Maxi Codes

Item Name	Quantity	Specifications
Barcode Label Scanner	1	Specification as mentioned below

Barcode Label Scanner Specifications (New):

1.	Interface	KB Wedge / USB
2.	Scan rate	Minimum 42 Scan lines per Second

3.	Technology	Laser
4.	Print Contrast Ratio	35 %
5.	Resolution	5 mil
6.	Bar Code Density / Depth of field	0 to 5.5 inch (13 mil)
7.	Compatibility with Symbology	UPC-A / UPC –E, EAN 13, JAN-13, CODBAR,
		ADD-ON-2, ADD-ON-5, CODE-93 and Industrial
		Codes, Interleaved 2 of 5, EAN 128

Item Name	Quantity	Specifications
T-Shirts for SI employees	2	White cotton T-shirt with a logo design (Logo Design shall be provided by Department)

Item Name	Quantity	Specifications	
Apron for SI employees	2	White Apron for winter season with a logo design (Logo Design shall be provided by Department)	
Item Name	Quantity	Specifications	
Consumables			
Cartridge	As required		
Legal Size Paper	As required	Each NRC Seva Kendra is expected to receive 5000 application approximately during the operating tenure. Each application is expected to be of 2 no. of Legal size pages	
Plastic File Folder (Legal size)	5000		

Flectrical & Miscellaneous		
Item Name	Quantity	Specifications
CD envelope	200	Bubble pack water resistant CD envelope (CD mailer)
CDs	200	

Quantity	Specifications		
Electrical & Miscellaneous			
1	2 KVA		
1			
As required			
1	Type DC 2Kg – valid for 1 year		
	1		

Item Name	Quantity	Specifications	
Furniture			
Chair	4	Plastic moulded chairs with hand rest	
Computer Table	2	Processed wood make	
Printer cum scanner table	1	Processed wood make	
Metallic Almirah	1	Minimum height 6ft , width minimum 3 ft with at least 3 shelves	
Vehicle on hire	For 4 months (6 days a week)		
Sitting Bench for applicants		Wooden bench with a minimum capacity to accommodate 5 people	

Item Name	Quantity	Specifications
Consumables		
Fuel for DG	As required	
Fuel for vehicle	As required	Note: Mobile Camp scheduling to be done by Department officials(CRCR & LRCR)
First Aid kit	As required	

Manpower requirements		
Computer operator	 One for a period 25 months Another for a period of 10 months 	 a. The person should be of age 21 years and above. b. The person shall be minimum diploma / Graduate. c. The person should have a basic understanding of operating a computer and should be comfortable with local language.

		d. Basic knowledge in computer operations (Ability to scan, print) and ability to type in Assamese, English & Bengali	
Working hours – 9AM to 6 PM on all working day	'S		
May have to work extra days / extended hours depending on the work load			
Applicants Footfall in the NRC Seva Kendra: The footfall in the NRC Seva Kendra is expected to be evenly loaded in the first four months. The footfall of applicants in the subsequent may rise. In such event, the SI would deploy an additional HR / Laptop computer / scanner to scan and store the application forms.			

	Model NRC Seva Kendra								
Sl	RFP Volume	RFP Section /	Page No.		Existing Clause	To Be Read as			
.N									
0.									
VI Volume – I		Section 5.4		iii. Each model NRC should be iii. Each model NR					
		Page No. 52		manne	ed by 20 operators and One	should be manned by 10			
		Point 3		operat	cions manager	operators, one Customer			
						Support Executive and One			
						operations manager			
VII.	Volume – I Section 5.4			Existing Table is replaced and to be Read as below:					
		Page No. 52							
		Point 3							
Existing Table in page no.52 is replaced and to be Read as below:									
	S.				Specifications				
	No Component		Qty						

1. I	Building space (2500sft)	1	Provision of separate washroom facility for gents and ladies
			a. The person should be of age 21 years and above.
			b. The person shall be minimum diploma / Graduate.
			c. The person should have a basic understanding of
			operating a computer and should be comfortable with
			local language.
			d. Basic knowledge in computer operations (Ability to
	Operators	<u>10</u>	scan, print) and ability to type in Assamese, English &
2.	Operators	10	Bengali
3.	Customer support Executive	<u>1</u>	As above
			Fire retardant foam padding.
			• Pneumatic height adjustment.
4.	Chairs for Operators	<u>11</u>	Six way adjustment for extra comfort.
			a. The person should be of age 25 years and above.
			b. The person shall be minimum diploma / Graduate with
			an experience in operations of customer facing centres
			for at least 3 years.
			c. The person should have a basic understanding of
	Operations Manager	1	operating a computer and should be comfortable with
5.	Operations Manager	1	local language.
6.	Chairs for Operations Manager	1	Cushion chairs with hand rest

			• with Pneumatic height adjustment.		
			Six way adjustment for extra comfort.		
			The video surveillance recording should be retained for a		
			minimum period of 1 week for possible future playback		
			Backup of the video surveillance should be taken in a		
7.	CCTV surveillance system	1 set	secure external device after every week.		
	ICT Infrastructure in NRC model Seva Kendra				
	The Model NRC Seva Kendra shall have client computers which will be connected through LAN to a local server physically placed in the				
	Model NRC Seva Kendra. This server will host the relevant functional modules for application form receipt. The server should be of				
	adequate capacity with adequate configuration to connect to	DC and also to prov	vide local caching of document.		
	adequate capacity with adequate configuration to connect to 12 Client Computers with monitor, Keyboard, mouse and	DC and also to prov	vide local caching of document. 15 inches monitor		
8.		DC and also to prov			
8. 	12 Client Computers with monitor, Keyboard, mouse and	-			
	12 Client Computers with monitor, Keyboard, mouse and mouse pad and single server	12			
	12 Client Computers with monitor, Keyboard, mouse and mouse pad and single server Extra Display Screen (21 Inch LCD) Computer Table	12	15 inches monitor		
9.	12 Client Computers with monitor, Keyboard, mouse and mouse pad and single server Extra Display Screen (21 Inch LCD) Computer Table	12	15 inches monitor Specification as mentioned in NRC seva Kendra		
9.	12 Client Computers with monitor, Keyboard, mouse and mouse pad and single server Extra Display Screen (21 Inch LCD) Computer Table	12	Specification as mentioned in NRC seva Kendra infrastructure specifications		

			infrastructure specifications
13	Scanner cum Printer (Laser Printer with scanner Heavy duty)	10	

Scanner cum Printer Specifications as mentioned below:

Specifications
print ,copy, scan, fax
Black up to 28 ppm or higher
20 page per minute
A4/Legal
35000 pages per month or higher
Labels, Cards, Transparencies, Envelopes, Plain paper
PCL based
400 Mhz or Higher
Microsoft® Windows® 8, Windows® 7, Windows® XP
256 MB or higher

Input Tray Capacity 250 sheets or h		her			
Scanner Type	Flatbed with ADI	Flatbed with ADF			
Scan Resolution	Up to 1200 x 120	0 dpi			
Maximum Document Enlargement	400%				
Minimum Document Reduction	25%				
Scan File Formats	PDF, TIF, BMP,	GIF, JPG			
Power	Input Voltage: 10	Input Voltage: 100 to 240 VAC(+/- 10%), 50/60 HZ(+/- 3HZ)			
Power Consumption(Maximum)	1000 Watts or Lo	1000 Watts or Lower			
Energy Efficiency	Energy® Star qua	Energy® Star qualified			
Warranty	Two Year On Sit	Two Year On Site Comprehensive Warranty			
			Integration with all the counters so as to display the token		
			and counter number through a Digital Display System of		
Electronic Queue Management Sys	tems	1	minimum size 2 ft X 4 ft		
Air conditioning		5	Min 1.5 tonne from reputed brand		

	(with adequate ventilation, in case of power failure)		
16	Generator	1	5 KVA
17	LAN equipment	As required	
18	Colour TV (LED)	1	42 inches
19	Filtered water dispensing unit	1	Minimum capacity of 20 litres
			Writing stand made of wood / processed wood of appropriate height where an applicant(s) can stand and fill the forms.
20	Desk for filling form	2	Each stand should have the sufficient space for filling forms for three applicants at one time.
21	Racks for Newspaper / Magazines	1	Minimum three shelves
22	Designed signage and display		
23	Chairs for Citizens	20	Elegance High Back Chair Metallic PP Arms Metallic Powder Coated Base.
24	Interiors	Set	
25	T-Shirts for SI employees	12	As specified in NRC Seva Kendra Table

		As specified in NRC Seva Kendra Table
Apron for SI employees	12	
29		

Infrastructure at CRCR Offices

Sl.No.	RFP Volume	RFP Section / Page No.	Existing Clause	To Be Read as	
VIII.	Volume – 1	Section 5.5			
		Page 54	Existing Infrastructure Table is	ble is replaced and to be read as below	
		Infrastructure Table			

Infrastructure²

Item Name	Quantity	Specifications		
Laptop Computer 2		As mentioned in NRC Seva Kendra infrastructure specifications		
Biometric finger print scanner	1	UIDAI Biometric Device Specifications		
		(BDCS-03-08)		
Barcode Label Scanner	1	As mentioned in NRC Seva Kendra infrastructure specifications		
Heavy Duty Scanner cum Printer	1	As mentioned in NRC Model Seva Kendra infrastructure specifications		
External Hard Disk	1	Min 2 TB Storage Capacity		
T-Shirts for SI employees	2	As mentioned in NRC Seva Kendra infrastructure specifications		
Cotton Apron for SI employees	2	As mentioned in NRC Seva Kendra infrastructure specifications		

² Space for CRCR and electricity shall be provided by the department

Consumables		
Cartridge	As required	
Legal Size Paper	As required	Each CRCR is expected to take print of 300,000 A4 size pages
CDs	200	
CD envelope	200	Bubble pack water resistant CD envelope (CD mailer)
Furniture	<u> </u>	
Chair	2	As mentioned in NRC Seva Kendra infrastructure specifications
Computer Table	2	As mentioned in NRC Seva Kendra infrastructure specifications
Printer cum scanner table	1	As mentioned in NRC Seva Kendra infrastructure specifications
Metallic Almirah	1	As mentioned in NRC Seva Kendra infrastructure specifications

Manpower requirements					
Computer operator	2	i. The person should be of age 21 years and above.			
	One for a period of 24	ii. The person shall be minimum diploma / Graduate.			
	months and the other for 12	iii. The person should have a basic understanding of operating a			
	months	computer and should be comfortable with local language.			
		iv. Basic knowledge in computer operations (Ability to scan, print)			
		and ability to type in English			
Working hours – 9AM to 6 PM on all worki	ng days - May haye to work extra da	tys / extended hours depending on the work load			

Volume - 2

NOTE: In RFP Volume – 1 along with the corrigendum, specifications of various IT & non-IT items are provided. The Bidders are instructed to add a compliance column against each specification for all the items. The Bidders should indicate "Yes / No" in the compliance column, as applicable for the Bill of material proposed by the Bidder.

The Bidders are further instructed to prepare a separate document with the compliance sheet for all the components and label the document as Technical Compliance Document and submit along with the Technical Bid response.

Non-provisioning of the Technical Compliance Document would be inferred as an incomplete Technical response.

Sl.No.	RFP Volume	RFP Section / Page No.	Ex	xisting Clause	To Be Read as
IX.	Volume – 2	Section 3			Replaced the existing table
		Bidding Process Schedule			with the below table:
		Page No. 8 & 9			
S. No	Mile	Milestone			mpletion
1.	Releaseof RequestForProposal(RFP)	Releaseof RequestForProposal(RFP)			9-2014
2.	Lastdatefor SubmissionofWrittenQuestionsbyBidders			12-0	9-2014
3.	Pre- BidConference			16-0	9-2014

4.	Last Date for Submission of bids	08-10-2014
		2:00 PM
5.	Date of opening of the Pre-qualification bids	08-10-2014
		3:00 PM
6.	Date & Time of opening of Technical bids	09-10-2014
		11:00 AM
7.	Technical Presentation by the Bidders	13-10-2014 11:00 AM onwards
8.	Date of opening of the Commercial bids	To be informed
8.	Contract Finalization and Award of Contract	To be informed
9.	Venue for the Pre-bid Meeting	Conference Hall
		Office of the Commissioner & Secretary to the
		Government of Assam &
		State Coordinator
		National Register of Citizens (NRC),Assam,

10	Address for Communication			О	ffice of the Co	ommission	er & Sec	retary to the
				G	overnment of	Assam &		
				Sı	tate Coordinate	or		
					ational Registo	er of Citiz	ens (NRO	C),Assam, Assam
				1				
Х.	13.3 Commercial Bid Format	Format 4 Page No. 70					Revised	l Format 4 as below
	For	mat 4: Data Ce	ntre (DC) Cost	Component				
					Total	Taxes		Total (inclusive
S.No.	Cost Item	Qty	figures) –	(in words an	d	Duties	S	of all taxes & duties)
1.	Blade Servers (Web Server, App server, DB server in High Availability mode with minimum six blades	1						
2.	SAN Storage Usable 40 TB	1						
3.	24 port SAN Switches	1 pair						

	12 Port Switches	<u>1 pair</u>		
4.				
	Firewall	1		
5.				
	Router	1		
6.				
7.	Virtual Tape Library	1		
	Backup Software	1		
8.			 	
	42U Racks	2	 	
9.				
10	In-row Cooler	<u>2</u>		
10.	AND 40 ANA			
11.	UPS 40 KVA	1		
11.				
12.	Centralized Helpdesk	1		
	Site preparation cost which includes civil			
	work, False ceiling & Flooring, cabling			
13.	etc.			
14.	Enterprise Database	As required		

15.	Business Analytics tool	As required					
16.	Others						
	Total Format 4						
XI.	13.3 Commercial Bid Format	Format 5				Revise	d Format 5 as below
		Page No. 71					
	Forn	nat 5: IT & non-I	T Equipmo	ent at CRCR			
			Unit Rat	te (in words es) –	Taxes Duties		Total
CAT							(inclusive of all
S.No.	Cost Item	QTY					taxes & duties)
S.No.	Cost Item Laptop computer	QTY 2					
1.	Laptop computer	2					

5.	External Hard Disk	1						
J.	Chair	2						
6.								
7.	Computer Table	2						
8.	Printer cum scanner table	1						
9.	Metallic Almirah	1						
10.	Cotton Apron for SI Employees	2						
11.	T-Shirts for SI Employees	2						
Total IT &	non-IT Equipment for one CRCR		AAA				1	
Total IT &	t non-IT Equipment for 153 CRCRs (T	otal Format 5)	=(153*AA	AA)				
XII.	13.3 Commercial Bid Format	Format 6 Page No. 72				F	Revised F	ormat 6 as below
	Form	at 6: End User Eq	uipment at N	RC Seva Ken	ıdra			

S.No.	Cost Item	QTY	Unit Rate (in words and figures) –	Total	Taxes & Duties	Total (inclusive of all taxes & duties)
1.	Laptop computer	2				
2.	Extra Display Screen	1				
3.	External Web Camera	1				
4.	Scanner cum Printer	1				
5.	Barcode Label Printer	1				
6.	Barcode Label Scanner	1				
7.	DG Set	1				
8.	Multi-point Extension power cord	1				
9.	Wiring for setting up DG connection					

10.	Dry powder Fire extinguisher	1			
10.	Chair	4			
11.	Citati	4			
12.	Computer Table	2			
13.	Printer cum scanner table	1			
14.	Sitting bench for applicants	1			
15.	Metallic Almirah	1			
	Vehicle on hire (For 4 months (6 days				
16.	a week)				
17.	Cotton Apron for SI Employees	2			
18.	T-Shirts for SI Employees	2			
Total IT &	k non-IT Equipment for one NRC Seva Ke	endra	BBB		1
Total IT & Format 6)	k non-IT Equipment for 1500 NRC Seva F	Kendra (Total	=(1500 X BBB)		

XIII.	13.3 Commercial Bid Format	Format 7 Page No. 73			Revise	d Format 7 as below						
	Format 7: IT & non-IT Equipment at Model NRC Seva Kendra											
			Unit Rate (in words and figures) –		Taxes & Outies	Total (inclusive of all						
S.No.	Cost Item	QTY				taxes & duties)						
	Annual rent for Space (Approximately	1										
1.	<u>2500sft)</u>											
2.	Chairs for Operators	11										
3.	Computer Table	11										
4.	Chair for Operations Manager	1										
5.	CCTV Surveillance System	1set										
6.	Barcode Label Printer	10										

	Barcode Scanner	10		
7.				
	12 Client Computer with Keyboard,	Pls. provide		
8.	Mouse and Mousepad and single sever	<u>details</u>		
	LAN equipment	Pls		
9.		provide details		
10.	Extra Display Screen	10		
11.	Scanner cum Printer	10		
12.	Electronic Queue Management System	1		
13.	Air conditioning	<u>5</u>		
14.	Generator 5 KVA	1		
15.	Colour TV LED 42 inches	1		
16.	Filtered water dispensing unit	1		
17.	Desk for Application Form Filling	2		

18.	Rack for Newspaper / Maga	zines	1								
19.	Designed signages and displ	lays									
20.	Chairs for Visitors		20								
21.	Cotton Apron for SI Employ	yees	12								
22.	T- shirts for SI Employees		12								
23.	Interiors										
24.	Others if any										
Total IT &	non-IT Equipment for one M	Model NRC S	Seva Kend	dra	CCC	7		1	-		
Total IT &	non-IT Equipment for One Mat 7)	Model NRC	Seva Ken	dra	=(1]	X CC	C)				
XIV.	13.3 Commercial Bid Form	aat	Format 9 Page No.							Revise	d Format 9 as below
S. No Re	source Type Monthly	Number	of	Number	of	Cost]	Гах	Tota	al Cost

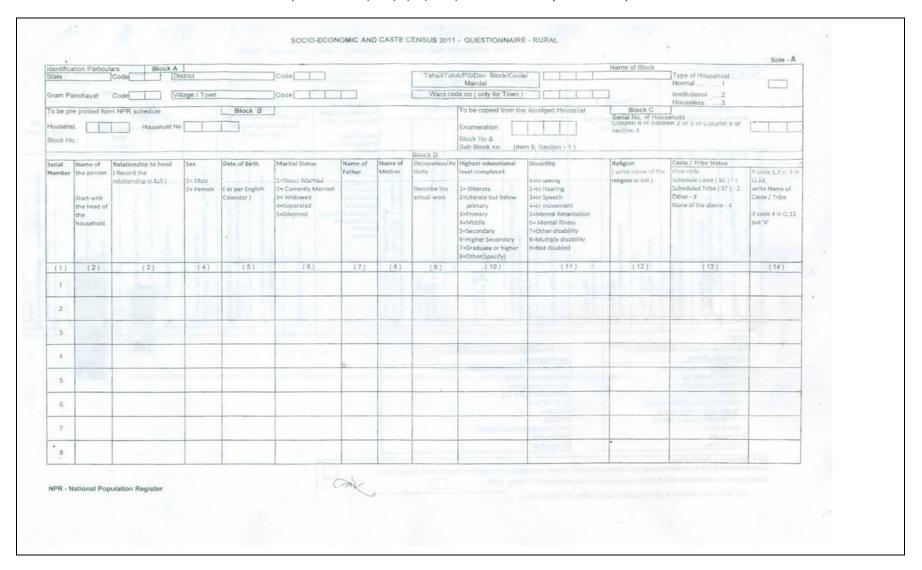
		Resource Rate	Resource	offices		(Cost +Tax)
	Resource for NRC Seva	EEE	1 for 25 months		(EEE x 25) x1500	
1	Kendra	FFF	1 for 10 months	1500	(FFF x 10) x1500	
		GGG	1 Operations Manager for 12 months		GGG x12	
2	Monthly Resource cost for Model NRC Seva Kendra	ННН	(10 Operators + 1 Customer Support Executive) for 12 months	<u>1</u>	HHH x11x12	
	Resource for	III	1 for 24 months	-	III x 24 x 153	
3	CRCR Office	JJJ	1 for 12 months	153	JJJ x12 x 153	
4	Resource for NRC State Data Entry Office	KKK	70	1	KKK x 70 x 1	

		LLL	1 Data Centre Operations Manager for 24 months		LLL x 24	
		MMM	1 Application Administrator for 24 months		MMM x 24	
	Monthly	NNN	1 Database Administrator for 24 months		NNN x 24	
	Resource cost for NRC Data		1 Systems Administrator for 24	-	OOO x 24	
5	Centre	000	months	1		
6	Centralized Help Desk	PPP	2 Resources for 24 months	1	PPP x 2 x 24	
	Total Cost (Form	nat 9)				

XV.	13.3 Commercial Bid Format	Format 10			Revised Format 10
		Page No. 76			below
Format	10 - Operational & Maintenance Cost Comp	onent (For both Hardwar	e & software)		
Provide	e Cost in figures and words (in Indian Rupees	s)			
	` `	,			
			Year 1	Year 2	Total Cost (Inclusive of al
S. No	Cost Item	Annual Rate			Taxes)
S. NO	Cost Item	Annual Kate			Taxes)
	IT & Non- IT Equipment Maintenance	Provide information on			
1	Costs	the costs			
		Provide information on			
2	Software Maintenance Cost	the costs			
3	System Software				
4	Other Costs				
•	Salet Sosia				
	Total Format 10				

Plack A 10	andialist failu		gret.		Code				Teleschieren (Paulieren Maria Carrell (Maria Carrel	. 1				-	Type of Parasetella Normal 3 Institutal 2	Date A
Olingo / To	wit .	Cale Communication	I Inte	of code to climbs to	etied [100	3							F Smarefull; it the hi	Howarhay 5 natroid Aveg to	-
Block III To	be jet printed for	er NPS. LCNetSubs							Stead C Turbs con	ed trame the Above	Spot Househil	Serial Ass. of Houseman		School and Street Street, 7	Dates sense	
Management of Persons			had to					1	Enumeration South For B. Lots Works on Liters 6, Section 11	am a		Column 8 of Section 3 Topic of 68 (3hor/h)	m For Color m cont (Fp		to September 1	annester)
	Name of the	Relationship to	Sew	Date of Nith	Marital Status	Nome	Norse	Öccupatie	Highest	* Male	Are Wogen	Disability	Chepnu	Belgion	Casts / Tribe	Stamo
Number	person.	head (Record the	Le Male		of of Arthory educational board counter of commed (glow father Mother completed except) code: [1]	print seeing	Sheet	the religion in Itali	Give code	17 code 1,7 or						
	Start with the head of the household	instationship in full)		e (as per (night) Calendar)	Married Dr Currently Married Br Widowed 4-Separated 5-Onvarced			Describe the actual work	1+ Illiterate 2+Literate bui 2+Literate bui 2+Literate bui 3+Pretrary 4+Ahdide 5+Secondary 5+righer 5+condary 7+Graduate or higher 8+Char(Specify)	earnings from	1-daily 2-weekly 3-monthly 4-v-regulatly 5-not wage marrier	Z-in, Hearing 3-to-Speech d-in movement 5-Mental			Schedule Caste (SC) 1 Scheduled Tribe (ST) - 2 Other - 1 Ne Caste/Tribe - 4 (SC can be only senong the Hindus, Skhs and Budshiyas, ST can be from any religion)	yerito name o Castle / Tribe If code 4 in Col.16 put 'V
111	01	101	(4)	- 01	141	(2)	(8)	191	(10)	(11)	- on	10):	(14)	(8)	199	(17)
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idengan) morked brit	santhendership w	aufg werter, Schmid ein einfelnitäller, Schwegert ork, Schleinwick (Person	wishlan/ln/w	Checketta (Nelson	or to attively and con-	district Land	. 4-Caracteria t gualler (Ysito	etum window (g Busin gudier, Bri	turbe (**auto/stron(se those worker) scrone 13	instal waters/see	redig goed/nede	and when have their	er ter Selveler ette Vender	ope/cettolor-estim) 3- Dictribe/fredham	Assembled report worker.	al-state-

			ion -1 / Dwelling		- William		Section - 2 Amenities			al level	Does the	Ass e household or	on - 3 sets vn the followi Code)	Side - B						
	Prediminant material of waii of dwelling room (S)(Give Code)	Prediminant material of roof of the dwelling R (Gwe Code)	Ownership status of this house (Citva Code) 1=Cowned, 2=Rented (3=Shared, 4=Living on Opermises with employer, 5=Flouse provided by employer, G=Any other.	Number of dwelling moms exclusively in possession of this household (Record 1,2,3)	Availability of drinking water source: or twyklinis the premises, 2=Noar the promises.	main source of lighting: or 1+Electricity, 2=Keropenie, 3=Solar, 4=Other oli, S=Any other, 0=No lighting	Water-rest lattire exclusively for the household (1**yes, 2*No)	Measte water outlet cornected to P=Closed drainage, 2=Cpen, 3=No drainage	Separate room used a kilchen excharrely for co. (the household (1998, 29No.)	(Delingeration (1= Yes., 2=No.)	Telephone Mobile phone: 1 Yes: 1= Landline only, 2=Mobile only, 3=Both, 4=No.	Computer / Laptop: 25 Yes:: 1=With Internet, 2=Without Internet (Motorized Wheelers (1=Two/fixee wheeler, 64 (2=Four wheeler, 3=No.)	A.C. (1=Y65, 2= No.)	(c) Washing Machine (14/tes, 2= No.)					
		of dwelling ro 1=Grass thato 2=Plastic/Poly 3=Mud/unburn 4=wood 5=Stone not p 6=Stone packs	inant material of om h/bamboo etc thene t brick acked with morta							Col.2 Predom dwelling room 1=Grass/Hatid 2=Plastic/polyt 3=Hand made 4=Machine ma 5=Burnt brick 6=Stone 7=State 8=G.I./metal/as 9=Concrate 0=Anyother	i hene tiles de tile									
1. Is t	he house	datory declaration datory declaration dec	sent to place the i	ses given by th	e respondant? (1=yes, 2=No)	n and Caste/Tribe	e7 (1=yes, 2=No)		eccasson Ggg	2.01								



						500				ction - 3						Section - 5						
	800	tion - 1			Section	- 2	Employment and Income Characteristics Does any household member: Main source of						Section - 4 Assets		5A							
		g/ Dwellin	ig	Is	is any household			Done.	Does any mousehold me			from (Give Code)		he houset				owned		-		
_					membe	er:			Amount and			1=Cultivation; 2=Manual casual labour;		the following assets (Give code)			STEEL ST	ta	rigated nd cres)	Oth	5B Other assets owned	
Predminant material of wall of dwelling noom (Give Code	Prediminant material of roof of dwelling room (Give Code	Wineship status of this house (Give Code) =Ownest, 2=Rented, 3=Any other	fumber of dwelling rooms exclusively in possession of the ousehold (Record 1,2,3)	rom Printfee Tilbal Group : = Yes, 2= No	Regally released bonded labour: laYes, 2=No	rnahual scavanger: "Yes, z=No	lave a salaried job? (1=Yes, 2=No.)	yes in col. 8 aluried job is in (give code) «Government, 2=Public Sector, 3=Private Sector	'ay income tux or Professional tax = Yes, 2= No	wivoperate an enterprise which is registered with the experiment "yes, 2=No.)	onthly income of highest earning household member (ve code) Code -1 = < Rs. 5,000r., 2 = between Rs. 000r. 8,10,000s., 3 = 10,000s. 8, more	3-Part firms or full time domestic service; 4-F Graging, rag picking; 5-Own Non- agricuttural Enterprise,6-Beggin y Charthy/Alms collection; 7-A Others;	digerator (1×yes, 2×No)	eloptiona/Mobile phone : es; 1= Landinne only, 2=Mobile only, 3=Both, p=No	forized TwoThree/Four Wheelers or Motorized Flahing at requiring regardion (1*yes, 2*No)	w any land (excluding homestead) (1 vyes, 2=No) andless, skip to section - 58	otal un-imgated land (in acres)	h assured ingation for two crops (in acres)	et impaled land in acres)	chanized ThreeFour Wheeler Agricultural equipment yes, 2-No)	imijalion equipment (imclading diesel/kerosene/electric pumpeet, sprinkleddidip imgallon system, etc) (1 -yes, 2=No)	san Crodit Card with credit limit of Ra.50,000 or above
	2	3	4	5	6	7	8	9	10	665	12	13	14	15	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 H	18	19	8 20	2 E	22 22	23 23
	Codes																					- 60
	of dwe 1=Gras 2=Plas 3=Mud 4=wood 5=Ston 6=Ston	e not pack e packed o netal/asbe brick rete	amboo e ne rick ted with n	nortar	ali		dwelling 1=Grass/ 2=Plastic 3=Hand r 4=Machir 5=Burnt t 6=Stone 7=Slate	room thatch/bam /polythene nade tiles he made tile prick														
o the h	househole the enur	ory declar f giving its nerator ag	consent to ree with	the respo	nses give	on by the re	espondant	? (1=yes,	n religion and Cast 2=No)	e/Tribe? (1=	yes, 2=No											

		3		
Sl.No.	RFP Volume	RFP Section / Page No.	Existing Clause	To Be Read as
XVII.	Volume – 3	Section 2.1 - Page 10	Effective Date of Project Commencement means the date on which the Conditions Precedent have been satisfied by the SI or waived by Department. For calculation of any of obligations under all project schedules/delays etc., this MSA which has or is likely to have a material Adverse Effect on date will be taken into account as the date of commencement of the Project.	This Clause is Deleted
XVIII.	Volume – 3	Section 5.4 .2- Page 23	"In the event of any increase or decrease of the rate of taxes due to any statutory notification/s during the Term of the MSA or of the SLA, the consequential effect shall	To be read as "Statutory Taxes & duties prevailing at the time of making payment shall be applicable.

			be to the account of the SI'	
XIX.	Volume – 3	New Clause Section 11/11		The Penalty shall be calculated on a quarterly basis. The total penalties should not exceed 10% of the total contract value. In the event of exceeding this limit, the Political department may at its discretion will have right to terminate the contract as per the terms and Conditions of this RFP and Draft contract Agreement.
XX.	Volume- 1	Page 58 – Section no, 6	The NRC Project involves deployment of large number of end user computing device for successful operations of NRC Seva Kendra and CRCR offices. In addition, IT Infrastructure for NRC Application Software deployment (DC) would require enterprise level hardware	The NRC Project involves deployment of large number of end user computing device for successful operations of NRC Seva Kendra and CRCR offices. In addition, IT Infrastructure for NRC Application Software deployment (DC) would

		require enterprise level
		hardware
		SI shall supply Brand New
		end user computing devices
		viz., a) Laptops for NRC
		Seva Kendra, CRCR, b)
		Printers cum scanners at
		NRC Seva Kendra & CRCR,
		c) External Web Cam, Bar
		Code Scanners, printers for
		NRC Seva Kendra and
		CRCRd) Bio Metric Device
		at CRCR
		The SI shall take back the
		above items at the end of the
		contract period.
		SI can provide DG set on
		rent.

Sd/(Prateek Hajela, IAS)
Commissioner & Secretary to the Government of Assam
Political Department &
State Coordinator, NRC, Assam.