

**PROJECT IMPLEMENTATION UNIT (PIU)**  
**KARACHI NEIGHBOURHOOD IMPROVEMENT PROJECT (KNIP)**  
**IT EQUIPMENT/ DATA AUTOMATION FOR AUTOMATION OF CONSTRUCTION**  
**PERMITS BY SBICA AND ONE STOP SHOP FOR BUSINESS REGISTRATION BY**  
**SBoI**

**3.4 Supply and Installation Cost Sub-Table**

**BILL OF QUANTITIES**

**SUMMARY**

<b>S #</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Rs)</b>
<b>1</b>	<b>SBICA CP SOFTWARE</b>	
<b>2</b>	<b>SBICA HARDWARE</b>	
<b>3</b>	<b>SBoI HARDWARE</b>	
<b>4</b>	<b>PIU HARDWARE</b>	
<b>TOTAL AMOUNT</b>		

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**IT EQUIPMENT/ DATA AUTOMATION FOR AUTOMATION OF CONSTRUCTION PERMITS BY SBCA AND ONE  
STOP SHOP FOR BUSINESS REGISTRATION BY SBol**

**SBCA REQUIREMENT**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	<b><u>Desktop (Dual Screen)</u></b> Supply and Installation of Branded (HP, Dell or equivalent) Desktop PC with LED includes, Intel Core i7 7th Generation or latest 64 Bit Processor (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores), 16GB DDR4 Memory, 1TB SATA Hard Drive, Intel HD Graphics 630 Processor, OS Window 10 Professional with Antivirus and MS Office, Keyboard & Mouse Same Brand, 3 Year Brand Warranty 21.5" FHD IPS Display or Higher	14	Nos.		
2	<b><u>Desktop (Single Screen)</u></b> Supply and Installation of Branded (HP, Dell or equivalent) Desktop PC with LED includes, Intel Core i7 7th Generation or latest 64 Bit Processor (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores), 16GB DDR4 Memory, 1TB SATA Hard Drive, Intel HD Graphics 630 Processor, OS Window 10 Professional with Antivirus and MS Office, Keyboard & Mouse Same Brand, 3 Year Brand Warranty 21.5" FHD IPS Display or Higher	40	Nos.		
3	<b><u>Laptop</u></b> Supply and Installation of Laptop (HP, Dell or equivalent) which includes, Intel Gen 8 Processor – Core i7, 16 GB DDR 4 RAM, 15.5" Display with HD Webcam, Win 10 Pro, MS Office and Antivirus preinstalled by manufacturer, at least 512 GB SDD, Integrated Intel LAN, Support WWAN, Backlit Keyboard, Original Bag by Manufacturer, TPM enabled and Travel USB Mouse.	6	Nos.		
4	<b><u>Desktop Laser Printer (A4) Black</u></b> Supply and Installation of Desktop Printer (A4) Black which includes, Print Speed Black: Up to 38 ppm, Print Speed Duplex (A4): Up to 30 ppm First page out black (A4, ready) As fast as 5.7 sec Duty cycle (monthly, A4), Up to 80,000 pages Recommended monthly page volume 750 to 4000 Number of users 3-10 Users, Print Technology: Laser, Processor Speed: 1200 MHz, Print languages: PCL 5, PCL 6, Postscript level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG Display 2-line backlit LCD graphic display, Number of print cartridges 1 (black) and Mac compatible: Yes.	10	Nos.		
5	<b><u>Desktop Printer (A4) Color</u></b> Supply and Installation of Desktop Printer (A4) Color which includes, Print Speed Black: Up to 27 ppm, Print Speed Color: Up to 27 ppm, Print speed duplex (A4) Up to 24 ipm, Print speed duplex (A4) Up to 24 ipm, First page out black (A4, ready) As fast as 9.0 sec First page out color (A4, ready) As fast as 9.9 sec, Duty cycle (monthly, A4) Up to 50,000 pages Recommended monthly page volume 750 to 4,000, Number of users 3-10 Users, Print technology Laser Print quality black (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi Print quality color (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi, Processor Speed: 1200 MHz, Print languages: PCL 6, PCL 5c, postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster, Display 2-line backlit LCD graphic display, Print colors: Yes, Number of print cartridges 4 (1 each black, cyan, magenta, yellow) and Mac compatible: Yes.	7	Nos.		
<b>CARRIED FORWARD:</b>					

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**IT EQUIPMENT/ DATA AUTOMATION FOR AUTOMATION OF CONSTRUCTION PERMITS BY SBCA AND ONE  
STOP SHOP FOR BUSINESS REGISTRATION BY SBol**

**SBCA REQUIREMENT**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
<b>BROUGHT FORWARD:</b>					
6	<p><b><u>A0 Size MFP Printer</u></b></p> <p>Supply and Installation of MFP Plotter which includes, Print Line drawings 28 sec/page on A1/D, 103 A1/D prints per hour Print Resolution Up to 2400 x 1200 optimized dpi Margins (top x bottom x left x right) Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo roll media) Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in) Ink types Dye-based (C, G, M, pK, Y); pigment-based (mK)</p> <p>Ink cartridges Cyan, gray, magenta, matte black, photo black, yellow</p> <p>Line accuracy +/- 0.1%2 Minimum line width 0.02 mm (0.0008 in) Guaranteed minimum line width 0.06 mm (0.0024 in) (ISO/IEC 13660:2001(E))</p> <p>Media Handling Sheet feed, two automatic roll feeds, automatic roll-switching, automatic cutter Size Rolls: 279 to 1118 mm (11 to 44 in) Sheets: 210 x 279 to 1118 x 1676 mm (8.3 x 11 to 44 x 66 in)</p> <p>Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E) Thickness Up to 0.8 mm (31.5 mil)</p> <p>Applications Line drawings, Renderings, Presentations, Maps, Orthophotos</p> <p>Memory 32 GB (virtual)4, 160 GB hard disk</p> <p>Connectivity Interfaces (standard)</p> <p>Gigabit Ethernet (1000Base-T), Hi-Speed USB 3.0 certified, EIO</p> <p>Jetdirect accessory slot Print languages (standard) Adobe® PostScript® 3™, Adobe PDF 1.7, GL/2, TIFF, JPEG,</p> <p>CALS G4, PCL 3 GUI Printing paths Printer driver, DesignJet ePrint &amp; Share, Embedded Web Server, direct printing from USB flash drive, email printing</p> <p>Acoustic Sound pressure 43 dB(A) (printing); 29 dB(A) (ready)</p> <p>Sound power 6.1 B(A) (printing); 4.7 B(A) (ready); 5.6 B(A) (sleep)</p> <p>Power Consumption &lt; 120 watts (printing); &lt; 27 watts (ready); &lt; 7 watts (&lt; 25 watts with embedded Digital Front End) (sleep); 0.1 watts (off)</p> <p>Requirements Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz(+/- 3 Hz), 2 A max</p> <p>DesignJet SD Pro Scanner (CIS scan technology) Scan and copy</p> <p>Scan speed Color: up to 15 cm/sec (6 in/sec)</p> <p>Grayscale: up to 33 cm/sec (13 in/sec)</p> <p>Enhanced resolution 9600 dpi</p> <p>Optical resolution 1200 dpi</p> <p>Maximum scan width 1118 mm (44 in)</p> <p>Scan input modes On the touchscreen: scan preview, scan to file, scan to email,</p> <p>scan to USB, scan to print, scan to FTP, copy, batch scanning, batch copying, collate copy, copy to simultaneous printers</p> <p>Media Handling Straight-through scan paper path for sheet and cardboard originals</p> <p>Size Up to 1168 mm (46 in) wide</p> <p>Thickness Up to 2 mm (0.08 in)</p> <p>Memory Scanner 4 GB memory, 500 GB hard disk</p> <p>Connectivity Interfaces (standard)</p> <p>Gigabit Ethernet (1000Base-T), Hi-Speed USB 3.0 certified,</p> <p>Acoustic Sound pressure 62 dB(A) (scanning); 30 dB(A) (ready); 30 dB(A) (sleep) Sound power 6.4 B(A) (scanning); 3.3 B(A) (ready); 3.3 B(A) (sleep)</p> <p>Power Consumption 47 watts (scanning); 32 watts (ready); 1.8 watts (sleep)</p> <p>Requirements Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max</p> <p>Warranty One-year limited hardware warranty</p>	2	Nos.		

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**SBCA REQUIREMENT**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
7	<b><u>Paper Trimmer</u></b>  Supply and Installation of Paper Trimmer which includes, Max. Paper Cutting Length: 51 Inch, Max. Cut Thickness: 0.18 Inch, Heavy Duty, Manual rotary trimmer (with stand), stacks of paper up to 32 sheets thick, adjustable reference guides, transparent clamp strip, self-sharpening and hardened steel rolling blades including all allied essential and mandatory peripherals.	2	Nos.		
8	<b><u>Paper Shredder</u></b>  Supply and Installation of Paper Shredder which includes, Accept CD, Staples, Clips, Floppy Disks, Paper, Sheet capacity: 14 to 15 Sheets, Shred size: Cross-cut 4 x 40mm, Paper throat width: 220mm, Shredder bin volume: 20L and Motor power: 180W.	2	Nos.		
9	<b><u>Fax Machine</u></b>  Supply and Installation of Fax Machine which includes, Laser Print Quality: 19 ppm, Laser Printing (A4): 600 x 600 dpi, Printing Resolution: 250-Sheet Paper Tray, Laser printing on plain paper, 150-Page Document Memory, Error Correction Mode (ECM), Dual Access Operation, Fax LASER, in super quality features: 600 dpi. Storage memory: 40page full paper, Speed fax and photo gray/01 page 6, Load the paper tray of 200 Shows the number of calls, Use levels: Volume 2000 page and use as a printer with your computer.	2	Nos.		
10	<b><u>Photocopier</u></b>  Supply and Installation of Photocopier which includes, Type: Desktop (Reader Combined + Inner Output), Feeding Method: Duplex Automatic Document Feeder, Imaging System: Laser Dry Electrostatic Transfer System, Memory: up to 256MB, Network Interface: Ethernet (100Base-TX / 10Base-T), Warm Up Time: 30 seconds maximum after powering ON & 1 second maximum from the Sleep mode, First Copy Output Time: 3.9 seconds or less, Multiple Copies: 1 to 999 sheets, Magnification: 25% to 400% (1% increment), Maximum Original Size: Max. A3 / 11" x 17", Duplex: Standard, Copy / Print Speed: 45 ppm, Resolution: (Reading) 600 x 600dpi & (Writing) 1200 x 1200dpi, Paper Sources (80gsm): Paper Cassette: Standard: 2 x 550 sheets paper capacity & Maximum: 4 x 550 sheets paper capacity and Stack Bypass: Standard: 100 sheets paper capacity.	3	Nos.		
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Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
<b>BROUGHT FORWARD:</b>					
11	<b><u>Thumb Impression Device</u></b>  Supply and Installation of Thumb Impression Device which includes, Connection Type: USB 2.0, Supported OS: Microsoft Windows (32-bit & 64-bit), Resolution: 500 ppi, Image Capture Area (Platen size): 25 x 25 mm (1.0" x 1.0"), Fingerprint Image Size: 500 x 500 pixels and Sensor Type: Optical.	6	Nos.		
12	<b><u>Camera with Tripod Stand</u></b>  Supply and Installation of Camera with Tripod Stand which includes, Up to 1080p video calling at 30 frames per second (up to 1920 x 1080 pixels) 720p with supported clients, Integrated privacy shade, H.264 video compression, Autofocus, Built-in dual stereo	6	Nos.		
13	<b><u>Scanner</u></b>  Supply and Installation of Scanner which includes, Type: Desktop Type Flatbed Scanner with ADF, Scanning sensor unit: CMOS CIS 1 Line Sensor, Optical resolution: 600dpi/1200dpi, Light source: RGB LED Scanning side: Front / Back / Duplex, Interface: High speed USB 2.0, Black and White (A4, 200dpi): ADF: 20ppm / 36ipm, Color (A4, 200dpi): ADF: 10ppm / 18ipm, Paper separation: Retard Roller Method, Feeder capacity: 50 sheets (80g/m <sup>2</sup> ), Width: ADF: 51 - 216mm & Flatbed: up to 216mm, Length: ADF: 89 - 356mm & Flatbed: up to 356mm, Thickness: ADF: 35 - 128g/m <sup>2</sup> (0.05 - 0.15mm), Suggested Daily Duty Cycle: Approximately 1000 scans/day and Bundled Software with USB Cable.	7	Nos.		
14	<b><u>NADRA VeriSys Services</u></b>  Supply and Installation of NADRA VeriSys Services for the project at various location within Facilitation Area.	6	Nos.		
<b>CARRIED FORWARD:</b>					
<b>BROUGHT FORWARD:</b>					

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Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
15	<b><u>LED (42")</u></b> Supply and Installation of LED 42" which includes, Screen Size: 42", LED: Regular, Resolution: 1920x1080 (Full HD), Panel: A Grade, USB Connectivity: Video/Audio/Images and HDMI Input: 2. Samsung, Sony	10	Nos.		
16	<b><u>LED (60")</u></b> Supply and Installation of LED 60" which includes, Screen Size: 60", LED: Regular, Resolution: 1920x1080 (Full HD), Motion Processing: Motion Engine, Panel: A Grade, USB Connectivity: Video/Audio/Images and HDMI Input: 2. Samsung, Sony	6	Nos.		
17	<b><u>Access Control System</u></b> To supply and install: Access control with RFID and key pad access options Exit Push Release Button Electromagnetic lock Magnetic Door Contact	4	Solution		
18	<b><u>Intercom System / VOIP</u></b>	As per Actual	Solution		
19	<b><u>Multimedia</u></b> 400W, 5500 lumens, 16000:1, Wide UXGA (1920 x 1200), Remote Control, Built in speaker	2	Nos.		
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<b>BROUGHT FORWARD:</b>					
20	<b><u>Networking</u></b>  Developing LAN for approximately 80 nodes in 10,000 sq. ft. (approx.) as per architectural design / drawing including Switches, Wires, Racks, PVC channels / conduits and 4 Wifi Routers.		Solution		
21	<b><u>UPS</u></b>  30 KVA UPS with 0.9 power factor with N+1 Configuration Parallel Cable Kit 1 hour Backup time Power Kit for 3-Phase UPS Startup & Commissioning	2	Nos.		
22	<b><u>Surveillance</u></b> <b><u>Cameras with 8 port NVR</u></b>  4-MEGAPIXEL MINI BULLET CAMERA  Full HD 1080p streaming at 30 fps or HD 2688 x 1520 @ 20 fps is possible. The camera must have intelligent VCA features such as line crossing, motion, and intrusion detection, integrated IR illuminator, 120 dB wide dynamic range to ensure excellent images in every light condition. along with all mounting accessories complete in all respect. Supply of NVR with storage for minimum 30 days of backup for above 8 cameras Supply of 24 port POE Switch 10/100/1000Mbps Supply and installation of Desktop PC Computer core i7, with 500GB hard disk and 8GB ram and 19inch LCD monitor 55inch Full HD Narrow Bessel LED TV Screen for monitoring of all cameras in Main Control room (Samsung or Sony) Testing and commissioning of all above items with conduit electrical wiring etc.	1	Solution		
23	<b><u>Queue Management System</u></b>  LCD number displays 9 Main Display 2 Software Software controlled and configurable for multiple queue types Token Printer 2	1	Solution		
24	<b>Complete service and support with warranty of above items from Serial No. 1 to Serial No. 23</b>				
<b>Total Cost</b>				<b>Rs.</b>	

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**SBoI Requirements**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	<p><b><u>Desktop</u></b></p> <p>Supply and Installation of Branded (HP, Dell or equivalent) Desktop PC with LED includes, Intel Core i7 7th Generation or latest 64 Bit Processor (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores), 16GB DDR4 Memory, 1TB SATA Hard Drive, Intel HD Graphics 630 Processor, OS Window 10 Professional with Antivirus and MS Office, Keyboard &amp; Mouse Same Brand, 3 Year Brand Warranty</p> <p>21.5" FHD IPS Display or Higher</p>	25	Nos.		
2	<p><b><u>Desktop Laser Printer (A4) Black</u></b></p> <p>Supply and Installation of Desktop Printer (A4) Black which includes, Print Speed Black: Up to 38 ppm, Print Speed Duplex (A4): Up to 30 ppm First page out black (A4, ready) As fast as 5.7 sec Duty cycle (monthly, A4), Up to 80,000 pages Recommended monthly page volume 750 to 4000 Number of users 3-10 Users, Print Technology: Laser, Processor Speed: 1200 MHz, Print languages: PCL 5, PCL 6, Postscript level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG Display 2-line backlit LCD graphic display, Number of print cartridges 1 (black) and Mac compatible: Yes.</p>	10	Nos.		
3	<p><b><u>Desktop Printer (A4) Color</u></b></p> <p>Supply and Installation of Desktop Printer (A4) Color which includes, Print Speed Black: Up to 27 ppm, Print Speed Color: Up to 27 ppm, Print speed duplex (A4) Up to 24 ipm, Print speed duplex (A4) Up to 24 ipm, First page out black (A4, ready) As fast as 9.0 sec First page out color (A4, ready) As fast as 9.9 sec, Duty cycle (monthly, A4) Up to 50,000 pages Recommended monthly page volume 750 to 4,000, Number of users 3-10 Users, Print technology Laser Print quality black (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi Print quality color (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi, Processor Speed: 1200 MHz, Print languages: PCL 6, PCL 5c, postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster, Display 2-line backlit LCD graphic display, Print colors: Yes, Number of print cartridges 4 (1 each black, cyan, magenta, yellow) and Mac compatible: Yes.</p>	10	Nos.		
<b>CARRIED FORWARD:</b>					



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**SBol Requirements**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
<b>BROUGHT FORWARD:</b>					
4	<b><u>Scanner</u></b>  Supply and Installation of Scanner which includes, Type: Desktop Type Flatbed Scanner with ADF, Scanning sensor unit: CMOS CIS 1 Line Sensor, Optical resolution: 600dpi/1200dpi, Light source: RGB LED Scanning side: Front / Back / Duplex, Interface: High speed USB 2.0, Black and White (A4, 200dpi): ADF: 20ppm / 36ipm, Color (A4, 200dpi): ADF: 10ppm / 18ipm, Paper separation: Retard Roller Method, Feeder capacity: 50 sheets (80g/m <sup>2</sup> ), Width: ADF: 51 - 216mm & Flatbed: up to 216mm, Length: ADF: 89 - 356mm & Flatbed: up to 356mm,,Thickness: ADF: 35 - 128g/m <sup>2</sup> (0.05 - 0.15mm), Suggested Daily Duty Cycle: Approximately 1000 scans/day and Bundled Software with USB Cable.	20	Nos.		
5	<b><u>Internet Device USB (4G)</u></b>	25	Nos.		
<b>Total Cost</b>				<b>Rs.</b>	

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**PIU Requirements**

**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	<p><b><u>Laptops</u></b></p> <p>Supply and Installation of Laptop (HP, Dell or equivalent) which includes,  Intel Gen 8 Processor – Core i7, 16 GB DDR 4 RAM, 15.5" Display with HD Webcam, Win 10 Pro, MS Office and Antivirus preinstalled by manufacturer, at least 512 GB SDD, Integrated Intel LAN, Support WWAN, Backlit Keyboard, Original Bag by Manufacturer, TPM enabled and Travel USB Mouse.</p>	10	Nos.		
2	<p><b><u>Printer (A3) (Color)</u></b></p> <p>Supply and Installation of Desktop Printer (A3) Color which includes,  Print Speed Black: Up to 27 ppm, Print Speed Color: Up to 27 ppm, Print speed duplex (A3) Up to 24 ipm, Print speed duplex (A3) Up to 24 ipm, First page out black (A4, ready) As fast as 9.0 sec First page out color (A4, ready) As fast as 9.9 sec, Duty cycle (monthly, A4) Up to 50,000 pages Recommended monthly page volume 750 to 4,000, Number of users 3-10 Users, Print technology Laser Print quality black (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi Print quality color (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi, Processor Speed: 1200 MHz, Print languages: PCL 6, PCL 5c, postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster, Display 2-line backlit LCD graphic display, Print colors: Yes, Number of print cartridges 4 (1 each black, cyan, magenta, yellow) and Mac compatible: Yes.</p>	1	Nos.		
3	<p><b><u>Desktop Laser Printer (A4) Black</u></b></p> <p>Supply and Installation of Desktop Printer (A4) Black which includes,  Print Speed Black: Up to 38 ppm, Print Speed Duplex (A4): Up to 30 ppm First page out black (A4, ready) As fast as 5.7 sec Duty cycle (monthly, A4), Up to 80,000 pages Recommended monthly page volume 750 to 4000 Number of users 3-10 Users, Print Technology: Laser, Processor Speed: 1200 MHz, Print languages: PCL 5, PCL 6, Postscript level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG Display 2-line backlit LCD graphic display, Number of print cartridges 1 (black) and Mac compatible: Yes.</p>	2	Nos.		
4	<p><b><u>Desktop Printer (A4) Color</u></b></p> <p>Supply and Installation of Desktop Printer (A4) Color which includes,  Print Speed Black: Up to 27 ppm, Print Speed Color: Up to 27 ppm, Print speed duplex (A4) Up to 24 ipm, Print speed duplex (A4) Up to 24 ipm, First page out black (A4, ready) As fast as 9.0 sec First page out color (A4, ready) As fast as 9.9 sec, Duty cycle (monthly, A4) Up to 50,000 pages Recommended monthly page volume 750 to 4,000, Number of users 3-10 Users, Print technology Laser Print quality black (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi Print quality color (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi, Processor Speed: 1200 MHz, Print languages: PCL 6, PCL 5c, postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster, Display 2-line backlit LCD graphic display, Print colors: Yes, Number of print cartridges 4 (1 each black, cyan, magenta, yellow) and Mac compatible: Yes.</p>	2	Nos.		
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**BILL OF QUANTITIES**

Sr. No.	Description	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
<b>BROUGHT FORWARD:</b>					
5	<b><u>Scanner</u></b>  Supply and Installation of Scanner which includes, Type: Desktop Type Flatbed Scanner with ADF, Scanning sensor unit: CMOS CIS 1 Line Sensor, Optical resolution: 600dpi/1200dpi, Light source: RGB LED Scanning side: Front / Back / Duplex, Interface: High speed USB 2.0, Black and White (A4, 200dpi): ADF: 20ppm / 36ipm, Color (A4, 200dpi): ADF: 10ppm / 18ipm, Paper separation: Retard Roller Method, Feeder capacity: 50 sheets (80g/m <sup>2</sup> ), Width: ADF: 51 - 216mm & Flatbed: up to 216mm, Length: ADF: 89 - 356mm & Flatbed: up to 356mm,,Thickness: ADF: 35 - 128g/m <sup>2</sup> (0.05 - 0.15mm), Suggested Daily Duty Cycle: Approximately 1000 scans/day and Bundled Software with USB Cable.	6	Nos.		
6	<b><u>Internet Device USB (4G)</u></b>	5	Nos.		
<b>Total Cost</b>				<b>Rs.</b>	

**A. CONSTRUCTION PERMIT (CP) SOFTWARE FOR SBCA**

**The bidders may workout their bid price on the basis of the requirement mentioned in  
SECTION VII (REQUIREMENTS OF THE INFORMATION SYSTEM)**

oned under