संख्या. पी-63013/177/01/2023/मोड–।/सीसुबल 1370 -73 भारत सरकार, गृह मंत्रालय महानिदेशालय सीमा सुरक्षा बल (रसद निदेशालय: आधुनिकीकरण सैल) (Email-comdtord@bsf.nic.in) (Fax: 011-24367683)

> ब्लाक संख्या . 10, सीजीओ काम्पलैक्स, लोधी रोड, नई दिल्ली–03 दिनांक <u>10</u> मई 2023

वरिष्ठ तकनीकी निदेशक

The Senior Technical Director राष्ट्रीय सूचना–विज्ञान केन्द्र, नोर्थ ब्लाक, गृह मंत्रालय, नई दिल्ली NIC, North Block, MHA New Delhi (द्वारा ई–मेल)

(ई—मेल पता : mpsugandhi@nic.in) Sub: Request for comments of stakeholders/OEM on draft QRs.

कृपया गृह मंत्रालय के पत्र संख्या IV-24011/12/2011-Prov-I(part)(CFN 3300890)-1710 दिनांक 31st Aug 2015 के सन्दर्भ में।

2. उपरोक्त विष्यान्तर्गत यह सूचित किया जाता है कि तकनीकी विशेषज्ञों के उप समूह द्वारा निम्नलिखित उपकरणों के गुणातमक आवश्यकता / परीक्षण निर्देशों का प्रारूप दिनांक 26 अप्रैल 2023 को आयोजित सभा के दौरान तैयार किया गया था जिसको इस आश्य से प्रेषित किया जा रहा है कि उक्त गुणातमक आवश्यकता/परीक्षण निर्देश को गृह मंत्रालय की वैबसाईट पर 15 दिन के लिए अपलोड करने का श्रम करें।

- i) CTP (Computer to plate Machine)
- ii) Offset Four Colour Machine
- iii) Latest version computers
- iv) Colour Production Printer/Com Colour Printer
- v) Electronic Weighing Machine
- vi) Scanner with high resolution
- vii) 4 Wheel Platform Electric Powered Trolleys

संल्गन : उपरोक्तनुसार

(दिगेन्द्र) सिंह पॅवार) उप कमाण्डेंट (मोड)

प्रतिलिपि :-

- SO (IT), North Block, MHA (Through E-mail) (E-mail address: soit@nic.in)
- : उपरोक्त समस्त गुणातमक आवश्यकता का मसौदा आपके सूचनार्थ एवं अग्रिम कार्यवाही हेतु।
- 2. IT Wing, FHQ BSF
- : i) उपरोक्त उक्त गुणातमक आवश्यकता का मसौदे को सीमा सुरक्षा बल की वैबसाईट पर 15 दिन तक अपलोड करने का श्रम करें। आपसे अनुरोध है कि उक्त मसौदे को गृह मंत्रालय की वैबसाईट पर भी अपलोड करने हेतु निम्नलिखित पतों पर ई—मेल करने का भी श्रम करें:-

(a) Technical Director, NIC, North Block, MHA (E-mail : mpsugandhi@nic.in) (b) SO (IT), North Block, MHA (E-mail : <u>soit@nic.in</u>)

- 3. प्रशासन निदेशालय (प्रशासन-II)
- : For your info w.r.t your U.O No.1800 dated 17.04.2023.

भारत सरकार, गृह मंत्रालय महानिदेशालय सीमा सुरक्षा बल (रसद निदेशालय: आधुनिकीकरण सैल) ब्लाक संख्या . 10,सीजीओ काम्पलैक्स,लोधी रोड, नई दिल्ली–03 (Email-comdtord@bsf.nic.in) (Fax: 011-24367683)

संख्या. पी-63013/177/01/2023/मोड- ।/सीसुबल

दिनांक 10मई 2023

विषय : गुणातमक आवश्यकता/परीक्षण निर्देशों पर हितधारकों / निर्माताओं / विकेताओं की टिप्पणी के लिए अनुरोध।

- 1. निम्नलिखित उपकरणों के प्रस्तावित गुणातमक आवश्यकता और परीक्षण निर्देशों को परिशिष्ट 'ए' के रुप में संलग्न किया गया है। हितधारकों/निर्माताओं/विकेताओं से अनुरोध किया जाता है कि वे उस उत्पाद की विस्तृत एवं स्टीक जानकारी दें। साथ ही प्रत्येक पैरामीटर के अनुरुप अपने उत्पाद के सही विवरणों को प्रस्तुत करें । सिर्फ 'अनुपालना' या ' अनुपालना नहीं' वाली टिप्पणी स्वीकार नहीं की जाएगी।
 - i) CTP (Computer to plate Machine)
 - ii) Offset Four Colour Machine
 - iii) Latest version computers
 - iv) Colour Production Printer /Com Colour Printer
 - v) Electronic Weighing Machine
 - vi) Scanner with high resolution
 - vii) 4 Wheel Platform Electric Powered Trolleys
- आवश्यक <u>जानकारी / विवरण</u> 24 मई 2023 तक निम्नलिखित पते पर भेजे जा सकते हैं।

रसद निदेशालय, सीमा सुरक्षा बल लेवल–8, ब्लाक–10, केन्द्रीय कार्यालय परिसर, लोधी रोड, नई दिल्ली–110003 ईमेल:– comdtord@bsf.nic.in

3. शीघ्र प्रतिकिया का अनुरोध किया जाता है।

(दिगेर्न्द्र सिंह पॅवार) उप कमाण्डेंट (आधुनिकीकरण)

Government of India Ministry of Home Affairs Directorate General Border Security Force (Prov Dte: Mod Cell) Block No.10, CGO Complex, Lodhi Road, New Delhi-03 (Fax: 011-24367683, Email-comdtord@bsf.nic.in)

No. P-63013/177/01/2023/Mod-I/BSF/

Dated, the 10 May 2023

Subject : <u>Request for comments of stakeholders/OEM/Firms on QRs</u> (Qualitative Requirements) & TDs (Trial Directives)

- The revised QRs/TDs of following Equipment's is attached as Appendix 'A'. The OEMs/Vendors are requested to forward information of the product, which they can offer and also forward correct specifications of their system against each parameter. Only complied or not complied remarks will not be accepted.
 - i) CTP (Computer to plate Machine)
 - ii) Offset Four Colour Machine
 - iii) Latest version computers
 - iv) Colour Production Printer/Com Colour Printer
 - v) Electronic Weighing Machine
 - vi) Scanner with high resolution
 - vii) 4 Wheel Platform Electric Powered Trolleys
 - ii) The firms are also requested to furnish the following details:-
 - Whether you are OEM/Vendor?
 - If vendor details of OEM.
 - Authorization certificate from OEM.
 - Original catalogue of the product
 - Brochure/Literature of the product

3. The required information/details may please be forwarded at the following addresses by 24.05.2023

Directorate General BSF, Level-8, Block No. 10, CGO Complex, Lodhi Road, New Delhi-110003 Email: <u>comdtord@bsf.nic.in</u>

4. An early response is requested.

(Digendra Singh Panwar) Dy. Commandant (Mod)

Appendix-'A'

DRAFT QUALITATIVE REQUIREMENTS (QRS)/TRIAL DIRECTIVES (TDS) OF "CTP (COMPUTER TO PLATE MACHINE)"

S.No		QRs Specification	Trial Directives	Complied/ Not		
	 SCOPE : (1) The CTP Machine will be able to cater for the smooth functioning of Central Printing Press and be able to undertake various types printing Jobs allotted by Force HQrs. (11) Computer-to-plate (CTP) is an imaging technology used in modern printing processes. In this technology, an image created in a Desktop Publishing (DTP) application is output directly to a printing plate. (111) Advantage of CTP Machine : The biggest advantage is removing the film generation and chemical usage layer. CTP improves the quality of output as the intermediate films used in other methods can potentially have scratches or other issues. CTP is preferred for its faster process and cost-effective nature. Steps involved in Plate Making Process by CTP Back exposure: Expose the back of the plate with UV-A for setting the floor thickness in combi processor. Laser Ablation: In imaging device such as Esko CDI or Xeikon Thermoflexx. Main Exposure: UV-A exposure in combi processor. Washout: Process the plate in combi processor. Drying 					
1	Physical Characteristics		To be physically checked by BOO.			
	"CTP (COMPUTER TO PLATE MA	CHINE)"				
2.	Technical Characteristics					
	a) Output Speed	16 Plates/hour OR above	To be physically checked by BOO.			
	b) Plate size Maximum	800x660mm	To be physically checked by BOO.	10.9		
	c) Plate size Minimum	400x300mm	To be physically checked by BOO.			
	d) Resolutions	2400 dpi & above	To be physically checked by BOO.			
	e) Exposing Size Maximum	800 x 646 mm	To be physically checked by BOO.			
	f) Plate loading system	First Manual, then autoload	To be physically checked by BOO.			
	g) Power supply	Single phase	To be physically checked by BOO.			
	h) Media Type	UV plate, high-sensitive PS Plate	To be physically checked by BOO.			
	i) Type of Machine	Fully automatic	To be physically checked by BOO.			

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं / फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

त करन हतु 15 दिना कालए अपलाजाका का जाता नोट – सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:–

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेन्द्र सिंह पॅवार) उप कमांडेण्ट (आध्निकीकरण)

DRAFT QUALITATIVE REQUIREMENTS (QRS)/TRIAL DIRECTIVES (TDS) OF "OFFSET FOUR COLOURE MACHINE"

S.No			QRs Specification	Trial Directives	Complied/ Not complied
	<u>SCOPE :</u> (i)	The Offset four colour various types of colour p	Machine will be able to cater for the smooth printing Jobs allotted by Force HQr.	n functioning of Central Printing Press and be able to undertake	
	(ii)	It would cater for increa high quality prints in a n	asing demand of colour printing. Offset prin nanner that require little maintenance.	ting is best suited for economically producing large volumes of	
	(iii) Four colour printing means that four different link colours are used to create a range of colours. The four colours refer to four link colours - Cyan, Magenta, Yellow, Black (CMYK).				
	(iv) The advantage of four colour offset printing may be described as following :				
	- Consistent high image quality. Offset printing produces sharp and clean image and type more easily than, for example, letterpress printing, this is because the rubber blanket conforms to the texture of the printing surface.				
	- Quick and easy production of printing plates.				
	- Longer printing plate life than on direct litho presses because there is no direct contact between the plate and the printing surface. Properly developed plates used with optimized inks and fountain solution may achieve run lengths of more than a million impressions;				
	- Cost	t. Offset printing is the che	eapest method for producing high quality prin	nts in commercial printing quantities.	
	- Ability to adjust the amount of ink on the fountain roller with screw keys. Most commonly, a metal blade controls the amount of ink transferred from the ink duct to the fountain roller. By adjusting the screws, the operator alters the gap between the blade and the fountain roller, increasing or decreasing the amount of ink applied to the roller in certain areas. This consequently modifies the density of the color in the respective area of the image. On older machines one adjusts the screws manually, but on modern machines the screw keys are operated electronically by the printer controlling the machine, enabling a much more precise result.				
1.	Physical Characteristics To be physically checked by BOO.				
	Four Colo	ur Offset Printing Mach	ine in metal body		
2.	Technical (Characteristics			
3	a) Colour c	output	4 Colour	To be physically checked by BOO.	
	b) Maximu	m Sheet Size	460x640 mm (± 10mm) OR 480X660	To be physically checked by BOO.	

S.No		QRs Specification	Trial Directives	Complied/ Not complied
	c) Paper size	460x640 mm (±10mm) OR 480x660 (18"x25"or 19"x26")	To be physically checked by BOO.	
	d) Printing Input Method	Sheet Fed	To be physically checked by BOO.	
	e) Minimum Sheet Size	210x250mm or 200 x280mm (± 05mm)	To be physically checked by BOO.	
	f) Maximum Print area	445x635mm ((± 10mm) OR 470X650	To be physically checked by BOO.	
	g) Plate Size	525x640mm (± 10mm) OR 560X670	To be physically checked by BOO.	
	h) Blanket Size	605 x 652 mm x 1.9 OR 688 x 770 mm	To be physically checked by BOO.	
	i) Paper Thickness	50-350 GSM or above	To be physically checked by BOO.	
	j) Compressor Motor	4 HP and above	To be physically checked by BOO.	
	k) Printing Speed	2500 to 7500 Cph or above	To be physically checked by BOO.	
	1) Electric Panel	Fitted in machine Or separate	To be physically checked by BOO.	
	m) Type of Machine	Fully Automatic/Semi Automatic	To be physically checked by BOO.	
	n) Work of Machine	For printing of all types of paper up to 350 GSM or above	To be physically checked by BOO.	
	o) Work of printing	For printing and preparing of all types of booklets/Registers	To be physically checked by BOO.	
	p) Use of Ink	Four Colour process Offset lnk i.e. Cyan, Magenta, Yellow and Black.	To be physically checked by BOO.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं ⁄ फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट - सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई–मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:-

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगोद्ध सिंह पॅवार) उप कमाडिण्ट (आधूनिकीकरण)

Appendix-'A'

DRAFT QUALITATIVE REQUIREMENTS (QRS)/TRIAL DIRECTIVES (TDS) OF "LATEST VERSION COMPUTERS"

S.No		QRs Specification	Trial Directives	Complied/	
	 SCOPE : (i) The latest version computer will be able to cater for the smooth functioning in Desktop publishing Section of Central Printing Press and be able to undertake job allotted by Force HQrs. (ii) Desktop publishing software creates layouts of text and media files for publishing in print or digital formats, such as magazines, brochures, ebooks, blogs, and online publications. These solutions allow for the proper alignment of text and images, according to publishing guidelines or user preferences. Users can utilize premade templates or create pages from scratch by using a drag-and-drop page builder. Desktop publishing software can be used by any organization that deals with the publishing of print or digital content, including graphic design, advertising, and publishing companies. It is also often used by the design team in an organization to create marketing materials 				
	(iii) Softv (iv) Job Re	 ware used in DTP :- Adobe in Design (Photoshop, Illustrator Etc) Coral draw Page Maker Microsoft Word. (Power Point, Word, Excel etc) Microsoft Publisher. sponsibilities :- Create and produce a variety of high-quality communication materials tha Edit graphics, such as photographs or illustrations Import text and graphics into publishing software. Integrate images and text to create cohesive pages, Adjust text properties, such as size, column width, and spacing Revise layouts and make corrections as necessary. Submit or upload final files for printing or online publishing and digital. Should be an expert in apps like Photoshop & Illustrator. Expert in color correction & photo manipulation. Expert in using shortcut keys in Photoshop & Illustrator. 	at incorporate text and graphic images.		
1.	Physical Characterist	ics	To be physically checked by BOO.		
	Latest version Com	puters			
2.	Technical Characteri	stics		10 10 10 10 10 10 10 10 10 10 10 10 10 1	
	a) Processor	Core 1/ 10/00/AMD R7 3700	To be physically checked by BOO.		
	b) RAM size		To be physically checked by BOO.		
	c) ROM size	1 TB HDD 256GB (SDD)	To be physically checked by BOO.		
	d) Chipset	Commercial sets	To be physically checked by BOO.	e and the second se	
	e) DVD	DVD RW	To be physically checked by BOO.		

S.No		QRs Specification	Trial Directives	Complied/ Not complied
	f) Display size (Monitor)	21.5 WTFT	To be physically checked by BOO.	
	g) Display type	LCD/LED	To be physically checked by BOO.	
	h) Keyboard	Wired/wireless	To be physically checked by BOO.	
and a second	i) Mouse	Wired/Wireless	To be physically checked by BOO.	and the state of the state
	j) Cabinet	MT	To be physically checked by BOO.	
	k) SMPS	180-250W	To be physically checked by BOO.	
	1) Speaker	1 speaker port	To be physically checked by BOO.	
1	m) Ports	Minimum 6 USB, VGA/HDMI, LAN	To be physically checked by BOO.	
	n) OS	Windows/Linux	To be physically checked by BOO.	
2	o) Certification	BIS, BEE, EPR, RoHS OR any other relevant Indian Certificate.	To be physically checked by BOO.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं / फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट – सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:–

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेन्द्र) सिंह उप कमांडेण्ट (आधुनिकीकरण)

DRAFT QRS/TDS OF "COLOUR PRODUCTION PRINTER-I"

S.No		QRs Specification Trial Directives		Complied/ Not Complied		
	 SCOPE: (i) The Com colour /Inkjet /Colour Production Printer will be able to cater for the smooth functioning of digital section of Central Printing Press and be able to undertake printing jobs allotted by Force HQr. (ii) A high speed computer printer used for volume printing manuals and booklets. Production printers prints around 60 pages per minute(ppm) although some vendors claim that printers must produce at least 100 ppm or even 150 ppm to qualify for the designation. (iii) A production printer also called a digital press, is designed for high-volume printing with efficient workflows and fast print speed. In addition to speed, they offer a higher resolution to provide sharply detailed graphics, even on various mediums like heavy weight paper, cardstock and mixed media. 					
1.	cardstock and mixed media. Physical Characteristics To be physically checked by BOO					
	COLOUR PRODUCTION PRINTE	CR				
2.	Technical Characteristics					
2.	a) Resolution	2400 x 3600 DPI/ 2400x2400 DPI VCSEL (Vertical-cavity surface-emitting laser) or above.	To be physically checked by BOO.			
	b) Paper weight	52-400 GSM Un Coated & Coated or higher	To be physically checked by BOO.			
	c) Printing Technology	Laser	To be physically checked by BOO.			
	d) Duplex Unit	Yes	To be physically checked by BOO.			
	e) Paper size (Min)	98x 146 mm or 139.7 x 182 mm	To be physically checked by BOO.			
	f) Paper size (Max)	330.2 x487mm or 330 x 488 mm or above	To be physically checked by BOO.			
	g) Paper size (Max Duplex)	330.2x487 mm or above	To be physically checked by BOO.			
	h) Tray Capacity of Sheet	1000 Sheets and above	To be physically checked by BOO.			
	i) Speed A4 Colour-Max per Min	80 to 100 PPM or above	To be physically checked by BOO.			
	j) Speed A3 Colour Max per Min	40 to 50 PPM or above	To be physically checked by BOO.			
	k) RAM	8 GB to 16 GB or above	To be physically checked by BOO.			
	I) HDD	1 to 2 TB or above.	To be physically checked by BOO.			
	m) Application	Upgrade version	To be physically checked by BOO.	conce and		
	n) Mirror option	Yes (PCL/PS)	To be physically checked by BOO.			
	o) Finisher availability	Yes	To be physically checked by BOO.			
	p) Paper Deck for bulk Paper Feed	Yes	To be physically checked by BOO.			
3.	Scanner Specification	Yes	To be physically checked by BOO.			
	a) Scan Speed (A4 size)	Single side-100 IPM, or above Duplex-200 IPM or above	To be physically checked by BOO.			
	b) Scan Resolution	600x600 DPI or above	To be physically checked by BOO.			
	c) Scan format	PDF,TIFF,JPEG or others	To be physically checked by BOO.			

.

S.No		QRs Specification		Trial Directives	Complied/ Not Complied
	"COMCOLOUR PRINTER SPEC	IFICATION-II"			
1.	Physical Characteristics		To be physically	checked by BOO.	LAW K.C. K.
	COMCOLOUR PRINTER				
2.	Technical Characteristics				All Mile
	a) Printing Technology	Inkjet	To be physically	checked by BOO.	
	b) Type of Printing	Colour	To be physically	checked by BOO.	
	c) Cartridge Technology	Ink	To be physically	checked by BOO.	
5	d) Paper size (Min)	A4	To be physically	checked by BOO.	
50- 	e) Paper size (Min)	A3	To be physically	checked by BOO.	
	f) RAM	4000 MB or above	To be physically	checked by BOO.	
	g) Hard Disk	500 GB or above	To be physically	checked by BOO.	
	h) Speed A4 Size Mono	Min 150 PPM or above	To be physically	checked by BOO.	
	i) Speed A4 Colour	Min 150 PPM or above	To be physically	checked by BOO.	
	j) Speed A3 Colour	Min 75 PPM or above	To be physically	checked by BOO.	
	k) Original documents feeder type	SPDF	To be physically	checked by BOO.	
	I) Number of main tray	3 or above	To be physically	checked by BOO.	
	m) Bypass facility	Yes	To be physically	checked by BOO.	
	n) Main tray capacity	500 sheet or above	To be physically	checked by BOO.	
3.552	o) Bypass tray capacity	1000 sheet or above	To be physically	checked by BOO.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं/फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट - सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:--10 1.023

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेन्द्र सिंह पॅवार) उप कमांडेण्ट (आधुनिकीकरण)

DRAFT QUALITATIVE REQUIREMENTS (QRS)/TRIAL DIRECTIVES (TDS) OF "ELECTRONIC WEIGHING MACHINE"

S.No	QI	Rs Specification	Trial Directives	Complied/ Not Complied.		
	 SCOPE : (i) The Electronic Weighing Machine is required for correct and fast weighing of papers and raw materials used by Central Printing Press for printing various types of jobs allotted by Force Head Quarter which further will enhance 					
	 (ii) Various types of weighing machine is available in market i.e. CTM/CTT/CTH/CPL/CPF/CCS series weighing scale for weighing needs. These scales use some of the latest and most advanced computing powers to give maximum flexibility and utility to the user. 					
	backup facility.	ing units, Grani, Kno grani etc reather tou	en memorane keyboard. Optional Battery			
1.	Physical Characteristics					
	"ELECTRONIC WEIGHING MACH	IINE"	To be physically checked by BOO.	and a second s		
2.	Technical Characteristics					
	a) Type of product	Platform Scale Weighing Machine	To be physically checked by BOO.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	b) Capacity	500 Kg	To be physically checked by BOO.	ngana ngangangana ngangangangangangangangangangangangangan		
	c) Minimum Weighing Capacity	20 Kg	To be physically checked by BOO.			
	d) Size of Machine Platform	36"x36" (LxW)	To be physically checked by BOO.			

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं / फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट - सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:--

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेन्द्र' सिंह पॅवार उप कमांडेण्ट (आधुनिकीकरण)

DRAFT QUALITATIVE REQUIREMENTS (QRS)/TRIAL DIRECTIVES (TDS) OF "SCANNER WITH HIGH RESOLUTION"

S.No		2. 2014 - 2010-2010 - 2010-2010	QRs Specification	Trial Directives	Complied/ Not Complied.
	<u>SCOPE :</u> (i)				
	(ii)	In simple terms, the reflected light is ses then converted into electronic data			
	(111)	Scanners also calle graphic images dire	d optical scanner, computer input device that u ectly into a computer or computer system	ses a light beam to scan codes, text, or	
1.	Physical Ch	naracteristics	nadalar sonala da sa sa sa	To be physically checked by BOO.	28 501 - 32 500 - 32
n m — m — m - m	SCANNER	R WITH HIGH RI	ESOLUTION		
2.	Technical C	Characteristics			
	a) Scar	n Area	A3 (scan A3 size paper)	To be physically checked by BOO.	
	b) Res	olution	Scanning : 4800 & 6400 dpi	To be physically checked by BOO.	gr. 40 -72430.4005
	c) Typ	e	Photo & Documents (with continuous page)	To be physically checked by BOO.	
	d) Forr	nat	PDF & JPEG	To be physically checked by BOO.	
	e) Scar	nner Type	Flat bed and Sheetfed, Colour Image	To be physically checked by BOO.	
	f) Scar	n Speed	High Speed Mode : 4800 dpi Full colour & Monochrome	To be physically checked by BOO.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं / फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट – सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:—

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेनंद्र सिंह पॅवार) उप कमांडेण्ट (आध्निकीकरण)

Appendix-'A'

DRAFT QRS/TDS OF "4 WHEEL PLATFORM ELECTRIC POWER TROLLEY"

S.No	QR	s Specification	Trial Directives	Complied /
				Not complied.
	<u>SCOPE :</u>		1979 an may wanter a managementation statement statement of	
1	(i) The 4 Wheel platform electri	c power trolley will able to cater for the	smooth functioning of Central Printing Press.	
	(ii) 4 Wheel Platform Electrical/	Battery power trolleys are primarily u	used to transfer materials from one location to another	
	within the factory premises; the device is environmentally friendly and runs on battery power.			
	(iii) The advantages of Electrical/Battery power trolley :-			
	1. Safe and reliable			
	2. High-temperature resistan	ce		
	3. Strong impact resistance			
	4. Remote control and step-l	ess speed regulation		
	5. Convenient transportation	in short distance	• • • • • • • • • • • • • • • • • • •	
1.	Physical Characteristics	· · · · · · · · · · · · · · · · · · ·	To be physically checked by BOO.	
	4 WHEEL PLATFORM ELECTRIC	TROLLY		-
2.	Technical Characteristics			
	a) Weight of Trolley	125 Kg to 150 Kg	To be physically checked by BOO.	
	b) Size of Trolley	L-4'x W-2 ¹ / ₂ ' (Feet)and H-15-20"	To be physically checked by BOO.	
	c) Nos of Wheel	4 Wheels	To be physically checked by BOO.	
	d) Load capacity-	1000 Kg Min	To be physically checked by BOO.	
	e) Battery Chargeable	Yes	To be physically checked by BOO.	
10	f) Brake system	Drum Brake	To be physically checked by BOO.	
	g) Without gear	Yes	To be physically checked by BOO.	
	h) Type of trolley	Platform type	To be physically checked by BOO.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणातमक आवश्यकतों को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वैबसाईट पर विकेताओं/फर्मों के सुझाव प्राप्त करने हेतु 15 दिनों के लिए अपलोड किया जाए।

नोट – सभी विकताओं / फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संल्गन कर ई—मेल पता comdtord@bsf nic.in पर भेजने का श्रम करें:-

- 1. उत्पाद की वास्तविक विवरण पुस्तिका।
- 2. उत्पाद की साहित्यिक रचना का ब्यौरा।
- 3. गुणातमक आवश्यकताओं के उपर व्यापक टिप्पणीयाँ।

(दिगेन्द्र प्रिंह पॅवार) उप कमांडेण्ट (आधुनिकीकरण)