

संख्या. पी-63013/06/2020/मोड-1/सीसुबल

भारत सरकार, गृह मंत्रालय

महानिदेशालय सीमा सुरक्षा बल

(रसद निदेशालय: आधुनिकीकरण सैल)

(Email-comdtord@bsf.nic.in)

(Fax: 011-24367683)

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31/3/21

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क. पी. 63013/06/2020/मोड-1/सीसुबल
रसद निदेशालय: आधुनिकीकरण सैल
679449
30/3/21

सेवा में,

उप महानिरीक्षक (रसद)
केन्द्रीय रिजर्व पुलिस बल,
ब्लाक नम्बर 1, केन्द्रीय कार्यालय परिसर
लोधी रोड, नई दिल्ली

विषय: अनुमोदित गुणात्मक आवश्यकता/परीक्षण निर्देशों का प्रेषण

ब्लाक संख्या . 10,

सीजीओ काम्पलैक्स,

लोधी रोड, नई दिल्ली-03

दिनांक ____ मार्च 2021

पुष्पता (दिनांक) 31/3
D.O. (दिनांक) 31/3
हस्ताक्षर/उप कमांडेंट (तकनीकी) 1
24367683 (फैक्स) 1
सहायक निदेशक (प्रशासन एवं सेवा) 1
AC (Prov./Ac) 1
कार्यालय अग्रिम 1
AC (Prov.) 1
संश्लिष्ट सहायक 1
D.A. 5
प्रति लि. 1
Date of Receipt 31/3

तकनीकी विशेषज्ञों के उप समूह द्वारा सूत्रीकरण किए एवं महानिदेशक सीमा सुरक्षा बल द्वारा अनुमोदित निम्नलिखित उपकरणों/मशीनों के गुणात्मक आवश्यकता/परीक्षण निर्देशों को आपकी अग्रिम कार्यवाही हेतु प्रेषित किया जाता है:-

- क) Sanitary Napkin Vending Machine and Sanitary Napkin Incinerator (Burning Machine)
ख) Fogging Machine

संलग्न : उपरोक्तनुसार

(दिनेन्द्र सिंह पँवार)

उप कमांडेंट (आधुनिकीकरण)

प्रतिलिपि :-

1. तकनीकी निदेशक
The Technical Director
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लाक,
गृह मंत्रालय, नई दिल्ली
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(ई-मेल पता : mpsugandhi@nic.in)
2. SO (IT), North Block, MHA
(Through E-mail)
(E-mail address: soit@nic.in)
3. तकनीकी विंग, सीमा सुरक्षा बल

: आपसे अनुरोध है कि उक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों को गृह मंत्रालय की वेबसाईट (पुलिस आधुनिकीकरण विभाग-गुणात्मक आवश्यकता) पर अपलोड करने का श्रम करें।

: आपसे अनुरोध है कि उक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों को गृह मंत्रालय की वेबसाईट (पुलिस आधुनिकीकरण विभाग-गुणात्मक आवश्यकता) पर अपलोड करने का श्रम करें।

: आपसे अनुरोध है कि उक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों को सीमा सुरक्षा बल की वेबसाईट पर अपलोड करने का श्रम करें।

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Appendix - A

SANITARY NAPKIN VENDING MACHINE
QUALITATIVE REQUIREMENTS AND TRIAL DIRECTIVES (QRs/ TDs)

Sl. No	Specifications	Qualitative Requirements	Trial Directives
01	Nomenclature	Sanitary Napkin Vending Machine	To be Checked by B.O.O./ Line Committee
02	Type of Machine	Electrically operated Sanitary Napkin Vending Machine	
03	Life	05 years	Recommended
04	No. of Product Columns	Single row/ column or Double row/ column	To be Checked by B.O.O./ Line Committee
05	Operational Method	Coin/ Token operated	
06	Size in inches (Maximum)	Width = 30, Depth = 12 , Height = 36	
07	Weight	20 Kg (Maximum) with mounting accessories if any.	
08	Cabinet/ Door Construction	Thickness = 1 to 1.2 mm Anti- corrosive Powder coated MS Sheet.	Certification by OEM/ Supplier
09	Mounting	Wall Mounted, Easy removable type	To be Checked by B.O.O./ Line Committee
10	Product Storage Capacity	a) 25 napkins (Minimum) for single row/ column b) 50 napkins (Minimum) for double row/ column	
11	Vending Mechanism	One product vending per designated denomination	To be Checked by B.O.O./ Line Committee

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16.8.20

M-I
6/8/20

CHAIRMAN
26/10/20

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M-VIII
16/10/20

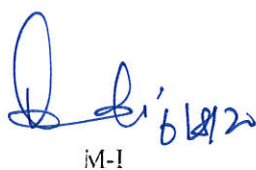
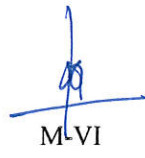
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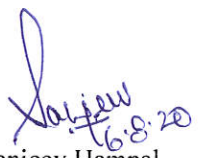
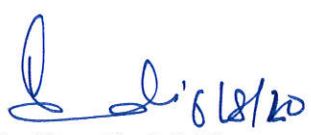
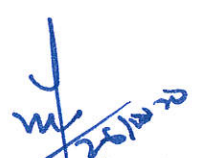
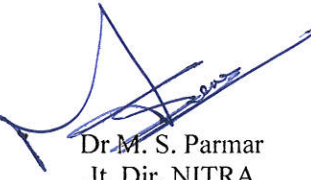
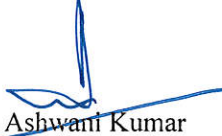
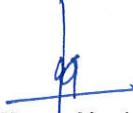
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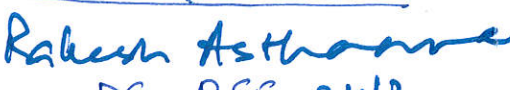
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12	Spring Specifications	(a) Zinc or Nickel coated/ painted for smooth functioning. (b) Spring should have equal Gap between all consecutive twists. (c) Gap between the springs must ensure vending of Tri-fold sanitary napkins.	To be Checked by B.O.O./ Line Committee
13	Coin Validation system	a) Electronic coin acceptor cum validation must be designed to accept at least five types of coins. b) Validating Mechanism should vend on achieving total value with single coin of designated denomination or multiple coins of lower denomination. c) System must be designed to reject coins other than pre-designated denomination as well as to reject all types of coins when equipment is out of stock. d) Denomination adjustment provision for at least 04 values should be available. e) The above denomination adjustment provision should be available for users and protected against external tampering.	To be Checked by B.O.O./ Line Committee
14	Balance Stock Indicator	Transparent window should be available on the main frame of the vending machine to ensure visibility of low stock/ balance napkins in vending machine.	
15	Special features	a) Vending Machine must allow storage & vending for sanitary napkin of different sizes. b) In case of double row/ column vending machine, provision for individual selection of row/ column should be available for users.	To be Checked by B.O.O./ Line Committee
16	Main Power Supply	Vending machine should operate on 220 Volts 50 Hz Power supply. Inbuilt protection against voltage fluctuations should be available to ensure functioning.	
17	Backup Power Supply	Vending Machine must have Inbuilt power back up for at least 24 Hrs. Maintenance free batteries should be used for inbuilt backup supply.	Certification by OEM/ Supplier

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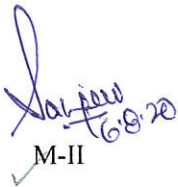
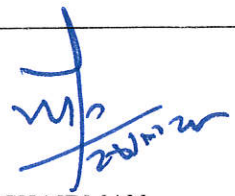
18	Operational Parameters	(a)	Storage	Vending Machine must be checked for storage of napkins of various types as per claimed capacity of the equipment.	To be Checked by B.O.O./ Line Committee
		(b)	Vending	Vending machine must be checked for 100% storage to 100 % vending. This Test should be repeated at least 03 times for the full capacity to ensure smooth functioning.	
		(c)	Coin Validation	Vending mechanism must be tested for coins of different denominations. • Machine should vend on achieving designated value of coins through value addition system. • Machine must reject any coin of other than pre designated denominations. • Machine must accept coins of at least five types of denominations.	
		(d)	Power Supply & Back up	• Machine must operate smoothly on 220 V, 50 Hz • Vending Machine must be able to complete in progress vending even in case of external power failure. • Inbuilt power back must ensure smooth takeover & functioning in case of external power failure for at least 24 Hrs.	
19	Operation Instruction	a) Instruction cards for the operation as well maintenance for the equipment must be available in English & Hindi languages. b) Do's & Don't instruction should be pasted on the machine.			To be Checked by B.O.O./ Line Committee
20	Warranty	Minimum One year warranty on equipment (Including battery). After One year manufacturer should be able to provide AMC for the equipment.			
21	Certification	Self Certification by the manufacturer that External body material, Power cord/ Cable, GI Pipe & MCB of the equipment are of ISI mark.			

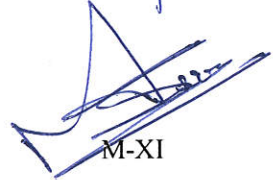
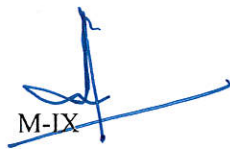
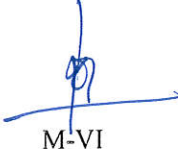
 Upasana DC, CISF Member-V	 Vasudevan Potty 2-I/C, Assam Rifles Member-IV	 Neeraj Shahi AC, Sector Hqr RAF Member-III	 Sanjeev Hampal Commandant Sector Hqr RAF Member-II	 Ravideep Singh Sahi IG RAF Member-I	 Sanjay Arora ADG CHAIRMAN
 Dr. M. S. Parmar Jt. Dir. NITRA Member -XI	 Dharinbeer Sci. C, Txd - BIS Member -X	 Col. Ashwani Kumar PSO(U&A), BPR&D Member -IX	 Rajin P. Team Cdr., NSG Member -VIII	 Nancy Singla AC, SSB Member -VII	 Karan Singh AC, ITBP Member-VI

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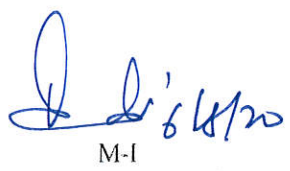
SANITARY NAPKIN INCINERATOR
QUALITATIVE REQUIREMENTS AND TRIAL DIRECTIVES (QRs/ TDs)

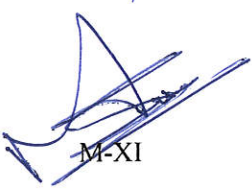
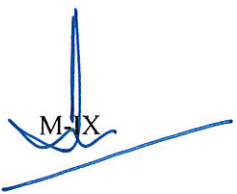
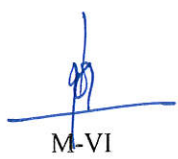
Sl. No	Specifications	Qualitative Requirements	Trial Directives
01	Nomenclature	Sanitary Napkin Incinerator	To be Checked by B.O.O./ Line Committee
02	Type	Wall Mounted or Floor rested (separate stand or directly on floor)	
03	Life	05 years	Recommended
04	Capacity	a) Minimum capacity - 10 Napkins /cycle b) Maximum capacity - 30 Napkins /cycle	To be Checked by B.O.O./ Line Committee
05	Size (Maximum)	Width = 30 inches, Depth = 12 Inches, Height = 36 inches (excluding exhaust pipe)	
06	Weight	25 Kg (Maximum) with mounting accessories if any	
07	External Body Construction	Thickness = 1 to 1.2 mm Anti- corrosive Powder coated MS Sheet.	Certification by OEM/ Supplier
08	Insulation	2.0 mm (minimum) ceramic insulation	
09	Incineration Chamber	Furnace type cylindrical incineration chamber.	To be Checked by B.O.O./ Line Committee
10	Ash tray	The tray should be easily extractable & re – deployable	

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11	Exhaust Pipe	06 Feet (Minimum) metallic flexible flue/ exhaust pipe should be provided.	To be Checked by B.O.O./ Line Committee
12	Temperature Display	Digital display for temperature chamber should be available on external body of the equipment.	To be Checked by B.O.O./ Line Committee
13	Power Supply	230V / 50 Hz, 01 Phase	Certification by OEM/ Supplier
14	Power Consumption	1.5 Kilowatt (maximum)	
15	Loading	a) Top/ Front/ Side loading of napkins for incineration. b) Napkin Incinerator door size – 4” x 4” (Minimum), Door locking should be Latch type; Door insulation should be as per requirement.	To be Checked by B.O.O./ Line Committee
16	Operation	Single Switch Operation.	To be Checked by B.O.O./ Line Committee
17	Cycle Duration (Maximum)	30 minutes per cycle	
18	Electrical Safety	Overload Protector with reset option	
19	Over Heating Safety	Electronic Thermostat based Automatic cutoff feature against overheating	

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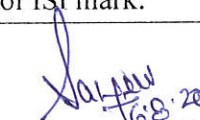
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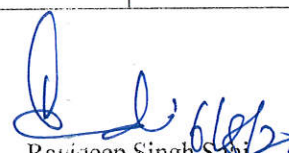
20	Operational Parameters	(a)	Incineration Procedure	Single Switch Operation after loading	To be Checked by B.O.O./ Line Committee
		(b)	Cycle duration (Maximum)	a) 30 minutes per cycle b) The test should be repeated / checked for at least 03 cycles	
		(c)	Combustion	Incinerator Should burn the loaded napkins completely.	
		(d)	Body Temperature	Throughout the process of incineration the outer body temperature must not adversely affect the user or surroundings.	
		(e)	Safety	Auto cut-off feature against overheating must be effective for complete cycle of combustion.	
		(f)	Exhaust	During the incineration the fumes or gases should pass through exhaust pipe. No smell, fumes or smoke should leak from any part of the incinerator.	
21	Operation Instruction	a) Instruction cards for the operation as well as maintenance for the equipment must be available in English & Hindi languages next to operating switch. b) Do's & Don't instruction should be pasted on the machine.			To be Checked by B.O.O./ Line Committee
22	Warranty	Minimum One year warranty on equipment. After one year manufacturer should be able to provide AMC for the equipment.			
23	Certification	Self certification by the manufacturer that External body material, Power cord/ Cable, GI Pipe, Heater & MCB of the equipment are of ISI mark.			

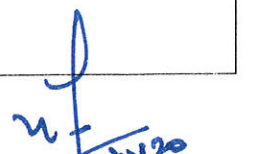

Upasana
DC, CISF
Member-V


Vasudevan Potty
2-I/C, Assam Rifles
Member-IV


Neeraj Shahi
AC, Sector Hqr RAF
Member-III


Sanjeev Hampal
Commandant
Sector Hqr RAF
Member-II


Ravideep Singh
IG RAF
Member-I


Sanjay Arora
ADG
CHAIRMAN


Dr M. S. Parmar
Jt. Dir. NITRA
Member -XI


Dharmbeer
Sci. C, Txd - BIS
Member -X


Col. Ashwan Kumar
PSO(U&A), BPR&D
Member -IX


Rajni P.
Team Cdr., NSG
Member -VIII


Pancy Singla
AC, SSB
Member -VII


Karan Singh
AC, ITBP
Member-VI

APPROVED/ NOT APPROVED


Rakesh Asthana
DG BSF 24/3