

“औद्योगिक, पर्यटकीय र हरित नगर, स्वच्छ, सुरक्षित र समृद्ध नगर”



# दमक नगरपालिका नगर कार्यपालिकाको कार्यालय



प.सं.: ०८०/०८९  
च.नं.: ६६५३



☎: ०२३-५९७०००

श्री सम्पूर्ण फर्महरु


मिति: २०८१/०२/०६

विषय: दर रेट उपलब्ध गराईदिनुहुन ।

प्रस्तुत विषयमा यस नगरपालिका भित्रका सामुदायिक विद्यालयहरुका लागि सेनेटरी प्याड डिस्पोजल मेसिन खरिद गर्नुपर्ने भएकाले सार्वजनिक खरिद नियमावली २०६४ को नियम ११ को उपनियम २ (ख) बमोजिम लागत अनुमान तयार गर्ने प्रयोजनका लागि यसै पत्र साथ संलग्न **Specification** बमोजिमको डिस्पोजल मेसिनको दर रेट तपसिलको ढाँचामा मिति २०८१/०२/०९ गते भित्रमा उपलब्ध गराईदिनुहुन अनुरोध छ ।

तपसिल

क्र स	सामग्री	मुल्य ( प्रति गोटा, भ्याट सहित)	कैफियत
१	सेनेटरी प्याड डिस्पोजल मेसिन		

  
प्रविण खड्का  
शिक्षा अधिकृत



### STANDARD SPECIFICATIONS OF SANITARY PAD INCINERATORS MACHINES

Sr No.	Parameter	Unit	Specification
1	Type of Machine		Automatic means put the used napkins inside the incinerator and it will burn automatically
2	Type of Mounting		Wall mounted as wellstand of incinerator should be provided
3	External Dimensions of Napkin Incinerator with Dust Tray		
3a	Width	MM	250+/-5%
3b	Depth	MM	250+/-5%
3c	Height	MM	500+/-5%
3d	Size of Dust tray (Asy Tray)		
3e	Width	MM	150 +/- 5%
3f	Depth	MM	180+/-5%
3g	Height	MM	17 +/-5%
4	Weight of Incinerator body	Kg	16Kg Approx
5	Type of material of housing cabinet (external)		CRCS Steel
6	Thickness of external cabinet	mm	1.00mm + /-5%
7	Finish of external cabinet		Epoxy anti rust proof powder coating
8	Mode of function		Stand alone
9	Operating power source		Lectrical
10	Input power supply		230 V +/-10%. 50 Hz Single phase AG 15 Amp
11	Electrical Power Consumption (Watt) P		1250 Watt
12	Power Saver	Auto cut of system	Auto cut-off system must be provided
13	Minimum length of power cord to be supplied along woth machine	Meter	Minimum 2.0 meters
14	Power Cord	Quality	ISI marked
15	Three pin power plug 15 Amp	Quality	ISI marked
16	MCB should benefited in main panel	Quality	ISI marked
17	Electric wiring and connection		All electrical joints are secured be relevant standards
18	Dos and Don'ts Instreutions		Dos and Don'ts Instreutions shall be plated on the machine on front side in Hindi

*Depends*  
 Deependra Oli  
 Bio-Medical Engineer  
 NEC No. 365 "A"

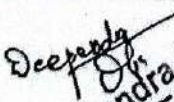


19	CE. ISO 9001.ISO: 13485 WHO-GMP	Certificates	Mandatory
20	Item name on certificate	On certificate	Items must be mentioned on the certificates
21	Type and thickness of insulation material	mm	Thermal Ceramic sheet of thigh density of 25mm +/-5% thickness
22	Thickness of door	mm	Thermal Insultaion with Ceramic sheet of 23 to 30 mm thickness
23	Door locking	Lock	Latch Lock
24	Burning capacity per day	Number of Napkins	150-200 pads per day
25	Burning capacity at a time	Number of Napkins	Up to 20 napkins per ay, programmable to lesser capacity as per requirement
26	Type of napkin to be burnt	Used	Used and wet neapkins must be burned out
27	Burning indicator		When the incinerator is burning the napkin one red color indicator should be ON
28	Burning time of full capacity napkins/ pads	Including cool down time before next loading allowed	Not more than 30 minutes
29	Loading type		Front loading
30	Number of chambers	Chamber	One

*Deviendra*  
*Dr*



31	Emission outlet pipe location	mm	On top 50 to 55 m m GI
32	Length of flexible emission outlet pipe to be supplied		Approx. 05 feet Length Aluminium flexible pipe of ISI mark outside the equipment
33	Power auto cutt of system		Yes
34	Minimum burning temperature	Degree C	450 Deg. C
35	Maximum fules gas treatment tempreatur	Degree C	950 Deg. C
36	Equipmewnt ON/OFF indicator provided		Yes
37	Skin Temp of the unit under operation	Degree C	Not more than 10 deg. C of ambient temperature
38	Type of heater		Ceramic circular heater for better efficiency and safety
39	Auto start when pre-decided capacity is full		Yes
40	Type of control panel		Control panel sholud be placed at bottom side of body. It sholud be fitted with microprocessor based digital electronics temperature controller cum indicator and mechacnial timer of 45 minutes .2 pilot lamps
41	Residue Ash		Not more than 5% per napkin
Electronic Safety tests			
42	Safety test	As per IS 302 Part-I 1979	It sholud be in comlies in general to the requirement of IS:302 (Part01) 1979, to ensure safe and reliable operation in normal use having following test
43	Insulation test		As per IS 302 (Part 1) 1979
44	Leakge current test		As per IS 302 (Part 1) 1979
45	AC high voltage breakdown test		As per IS 302 (Part 1) 1979
46	Dimmer test		As per IS 302 (Part 1) 1979
47	Test Certificates	In house	The bidder should have in house testing lab equipments for above said test with test certificates traceability to NABL accreted lab

  
 Deependra Oli  
 Bio-Medical Engineer  
 NEC No. 365 "A"



48	Miscellaneous	<ul style="list-style-type: none"><li>• Ensure complete burining of napkin.</li><li>• Ensure instant display in a scientific and hygienic way with fully automatic way and burn completely.</li><li>• Burns 150 to 200 napkins/day, can be programmed for cycles/day.</li><li>• Self-disposal by user by directly putting into the incinerator.</li><li>• Ash generation shold not exceed more than 5% per napkin.</li><li>• Ash should be collected in separatetray and ensure stack in that tray.</li><li>• Auto power &amp; thermal cutoff and automatic tempreature maintenance should be there for safety of user.</li><li>• Inside refractory lining should be excellent heat retention to avoid thermal loss.</li><li>• The residence time for gaseous products in the combustion chamber will be designed to be at least 2 seconds to ensure complete combustion.</li><li>• The emission from incinerators shall comply the General Emission Standards mentioned under Standards for incineration section in SWM Rules, 2016.</li></ul>
----	---------------	---

~~Deependra~~  
Deependra Oll  
Bio-Medical Engineer  
NEC No. 365 "A"