



**Ministry of Housing and Urban Affairs** 

Nirman Bhavan, New Delhi

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### Introduction

From the perspective of human development, it will be correct to state that improved sanitation is one of the principal indicators of civilization and urbanization. Planned management of human excreta has been a hallmark of all great urban societies from as early as the Indus Valley towns and the Roman cities. History is replete with accounts of epidemics and heavy human losses caused by outbreak of Cholera and other water borne diseases directly resulting from poor sanitation where discharged sewage, was somehow allowed to mix with supply of drinking water.

Most Indian towns and cities have developed organically around places of commercial or religious interest. There have been very few 'planned' developments. Household sanitation in these towns have thus ranged from a mixture of open defecation, rudimentary insanitary toilets and right upto the most modern water borne sewerage and treatment.

Swachh Bharat Mission launched in 2014, together with other central and state government schemes, has ensured that excreta being discharged from each urban households now flows into a designated sanitary outlet, viz., into sewers or septic tank systems thereby eliminating the possibility of sewage mixing up with drinking water.

The septic tanks and sewers are a make excreta flow. However, sewer growth of roots in conducive moist brickbats and other unwanted make to design faults in sewers which some spots. Septic tanks may be exceeds the design capacity or a this happens, sewers and septic to on public spaces. This situation makes pipelines and open wells and thu

As with any other system, regular the most appropriate mechanism minimize the need for any humar is potentially dangerous, only if us protective equipment (PPE) and space with likely presence of haze

While initially, it was common, the sanitation workers to rectify the fordevices has generally kept pace capabilities and cost is readily aventry except in extreme emergen

internationally avused equipment, gear and devices for eliminating the need for human entry into sewers and septic tanks are also readily available in India.

The Government e- Marketplace (GeM), a venture of Ministry of Commerce and Industry, has enlisted a large number of such products. In addition, this Ministry had organized a global technology challenge in later half of 2018, which brought to notice certain interesting equipment which are in various stages of development. Further to this, a number of different products are available and variety of manufacturers are selling their products in open market in India. MoHUA has published this consolidated directory to help municipal procurers make an informed decision

It will be endeavored to update this directory on regular basis with more categories and manufacturers to provide more options to the buyers. The directory will will be maintained online on the website of Swachh Bharat Mission

Disclaimer- The directory, though supported by the Ministry for production and dissimination as an information tool, is not to be understood as specific endorsement of vendors/ manufacturers whose products are showcased in the following pages.

### **Layout of Vendor Direct**

This vendor directory has been su as under-

- a) Septic Tank Cleaning Equipme
- b) Sewer Cleaning Equipment
- c) Special Innovations

Each of the categories has been describe a range of products of of for narrow lanes to those for wide manufacturers names and capal given.

This is followed by a list of contact convenience of the buyers and a which is presently available on the

A separate section on safety devi equipment has been provided to equipment used by various gover chemicals, oil, defence etc. These under their particular category h

It is expected that the municipal find this directory useful to ensure undertake any unnecessary entry sewers or septic tanks and any unwhere a suitable mechanical alternation.

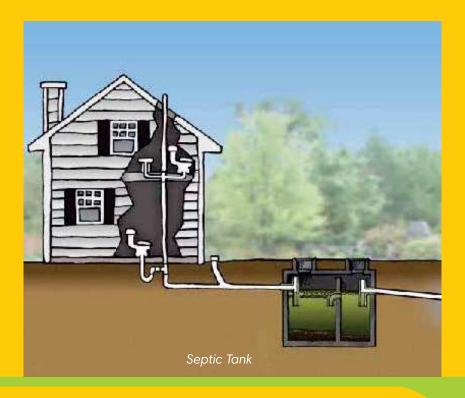




## I. Septic Tank Cleaning Ed

In Septic Tank system, the wastewater generated from residential and commercial establishment through underground piping.

Based on the above methods of collection and transportation of wastewater or sullage, methods of cleaning which is required for ensuring maintenance of the infrastructure in



# I.1 DESLUDGING OF SEPTIC

Septic tanks are required to be periodically desludged using vacuum loaders of ensure complete evacuation of the sullage as well as solids that tend to sedim

Price Range: Rs. 25 Thousand to 45 Lakhs



Suction Machine mounted on LCV, MCV, HCV, Trailer



### **Product Name: KAMVAC**

### **Description:**

- KAMVAC is a truck cha pit/cesspool emptier a capacities of sludge c displacement ratings of
- Siphoning the liquid an equipment's sludge co from surcharged manh water drain lines, septic transporting the same emptying under gravity sludge tank.
- Vacuum Loader is avairanging from 1000 to 1

### Manufacturer:



**Product Name : GULLYM** 

### **Description:**

 MANIAR Suction machine cum blow back system
 Cesspool, Cesspit and
 can suck particles uptofeet and depth of 25 feet
 by small nagar panchano investment of the true

Manufacturer : MANIAR & CO.



**Product Name: DESILT N** 

### **Description:**

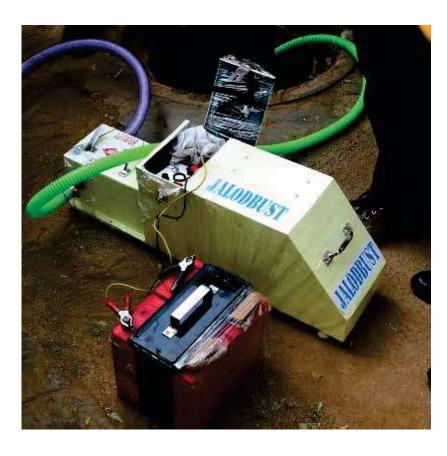
 D'silting machine (Grab of 2006. It is undergrout machine with silt carryi grabbing capacity of the is no limitations in dept can be directly emptied handling of waste.

#### **Specifications:**

- The machine is self properties.
- Easily can ply in narrow capacity of 500 kgs, not Operations, Cost Effect

#### Manufacturer:

MANIAR & CO.



**Product Name: JALODB** 

### **Description:**

- The equipment is a port sludge handling machine
- Product specifications of
- 500-800 liters per hou
- 2,500 litres handling pe
- 50 mtrs horizontal dista
- 30 Kgs weight of machi
- 24 volt 40 AH Battery
- 200-500 watt motor
- Works on piston pump
- Agitator based on shoot as follows:
- Displacement is done b
- Gland for water seal
- Lever for creating shoc
- Can be used to produc
- Liquifies sludge by remo

#### Manufacturer:

**JALODBUST** 



Product Name : SEWER I (SEWER SUCTION) MAC

### **Description:**

The equipment is a Tructor for suctioning the Sludge gully pits, septic tanks eand discharging the contribution of the Tank, alternagement.

### Manufacturer:

TPS INFRASTRUCTURE



**Product Name: TRAILER** 

### **Description:**

 These are Vacuum Mac and mounted on 2 Whe basically used for Clea

### **Specification:**

 5/10 HP Diesel Engine of 6500-9000 LPM and Von Capacity 3000 Ltrs

#### Manufacturer:

JETBROOM WASTE SOLUT

# II. Wastewater transporte Underground Sewerage

Underground Sewerage Networks are designed and constructed to carry waste waster and some amount of solids from its point of generation to its point of collection.

Due to irregular flow of wastewater, the prescribed self-cleansing velocity of the wastewateris often not achieved. The solids separate from the liquids and tend to accumulate within the pipeline thereby reducing its hydraulic load carrying capacity. This sedimentation is called siltation.

Extensive siltation not only affects the flow of sullage but also is the main reason for the choking of the sewerage lines. If a planned preventive maintenance schedule (PPMS) is put in place siltation can be minimized thereby reducing the frequency of chokes. Dechoking is a breakdown maintenance activity representing a deteriorating sewerage network.

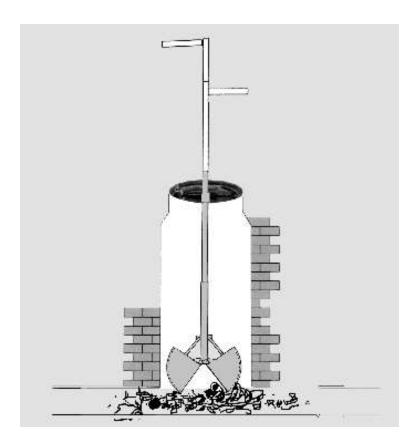
To overcome the inherent issues faced in seweragenetworks the below 3 processes of cleaning and maintenance are recommended.



# II.1 Desilting of Manholes

Silt that flows through the network, often accumulates in the manhole and is reremoval of silt from manholes can be carried out mechanically or through pne

Price Range: Rs. 20 Thousand to 35 Lakhs



Mechanical Silt removal equipment



Product Name : KAMGR

### **Description:**

- The KAM GRAB is ideal MATERIAL" at a depth u
- Machine is able to scro 6 litres of solids into its
- Can be used to manual manholes & open nalla
- Kamgrab is available in of 3 ltr. & 6 ltr.

#### Manufacturer:



#### **Product Name: KAMGRAI**

### **Description:**

- With a 25 ltr bucket cape mounted on a CNG or D the machine can be ope an electro-hydraulically engine driven hydraulic p valves.
- The Grab bucket can lift level & the boom rotation and R). The Hopper can one trip.

#### Manufacturer:



### **Product Name: KAMVAC**

### **Description:**

- KAMVAC is a truck cha gully pit/cesspool empti capacities of sludge co displacement ratings of
- Siphoning the liquid an equipment's sludge co from surcharged manh water drain lines, seption transporting the same emptying under gravity sludge tank.
- Kamvac is available in 1000 to 12000 ltr.

#### Manufacturer:





#### **Product Name: JALODBUS**

#### **Description:**

- The equipment is a portor sludge handling machine
- Product specifications as
- 500-800 liters per hour
- 2,500 litres handling per
- 50 mtrs horizontal distan
- 30 Kgs weight of machine
- 24 volt 40 AH Battery
- 200-500 watt motor
- Works on piston pump pr
- Agitator based on shock
- The Process is as follows :
- Displacement is done by
- Gland for water seal
- Lever for creating shock
- Can be used to produce
- Liquifies sludge by remov

### Manufacturer:

**JALODBUST** 



#### **Product Name: DESILT MAN**

### **Description:**

- A combination of Desilting unique of its kind developed
- It is underground manhole carrying capacity of 0.5 cu
- The grabbing capacity of the limitations in depth.
- The silt collected in the hop other container without rechocked underground lines

### **Specifications:**

- The machine is self propelle
- Easily can ply in narrow land
- Silt collection capacity of 5
- Compact Vehicle, User Frie

#### Manufacturer:

MANIAR & CO.



Product Name: TROMBI

### **Description:**

 It is a combination of F Suction and Rodding n

### **Specifications:**

- Compact
- Can ply in narrow lane
- All operations can be o
- Cost effective, User frie

### Manufacturer:

MANIAR & CO.

# **II.2 Desilting of Sewer Lines**

Silt that is accumulated within the sewerage network is to be removed to ensur minimizing chokes. The method adopted for desilting will also depend on the

For non-man-entry lines, the ideal means is by bucketing or high-pressure jett man-entry lines, pneumatic conveyance with all prescribed safety precautions out, with or without jetting.

Price Range: Rs. 39 to 80 Lakhs



Sewer Suction cum Jetting Machine



#### Product Name : KAMBI

#### **Description:**

- KAMBI is a truck chassi combination machine capacities of clean wa These equipments are sewer lines of diameter
- Siphoning the liquid an equipment's sludge co from surcharged manh water drain lines, septic transporting the same emptying under gravity sludge tank.
- De-choking and de-sil lines and chambers by suitably dimensioned je the dislodged effluent of desired disposal site for pressure/tipping of sluce
- · Kambi is available in vo

#### Manufacturer:



**Product Name: KAMBI R** 

#### **Description:**

Combination of high vac jetting combination recyc powered high GVW rating Tonnes ) truck chassis. Me

- The equipment power j debris in the drain lines sludge compartment for is extracted, recycled to maintain filtration system
   pump for further power
- The KAMBI RECYCLER of water but continues cleaning thus asserting the eliminate cycle time and offers me

#### Manufacturer:



Product Name : KAMBI H DUMP TANK

### **Description:**

A wide range of suitably a mounted high vacuum su combination machines, a working in sewer lines of diameters of up to 2000 used for:

- Simultaneously/indepe and siphoning the silt of from deep sewer mains
- Transportation of the e disposal site for emptyi

#### Manufacturer:



Product Name : TRUCK I

### **Description:**

 These are Combination PTO taking Power from a Truck. These machine of Sewer Lines (De-cho sludge from Septic Tan

### **Specifications:**

 Vacuum Pump having | Pressure : 8000 mm WC
 Pressure : 150 Bar Com

(Fresh Water : 4500 Ltrs

#### Manufacturer:

JETBROOM WASTE SOLUT



**Product Name: GULLYM** 

### **Description:**

MANIAR Suction maching cum blow back system
 Cesspool, Cesspit and can suck particles upto feet and depth of 25 feet by small nagar panches no investment of the true.

Manufacturer : MANIAR & CO.



Product Name : COMBIN

### **Description:**

- Machine is a combinat Jetting and Suction with
- The tank capacity can partitioned into fresh w as per requirement.
- The machine can effect drainage lines and can distance of 200 feet an trailer mounted and co

**Manufacturer :** MANIAR & CO.



Product Name : TROMBI

### **Description:**

 It is a combination of F Suction and Rodding n

### **Specifications:**

- Compact
- Can ply in narrow lane
- All operations can be o
- Cost effective, User frie

### Manufacturer:

MANIAR & CO.



Product Name : HIGH PR

### **Description:**

 The equipment is a Truct removing blockages from High Pressure Water Jet sludge from the manhot sludge by Hydraulic Tip through Blow-back Arre

### Manufacturer:

TPS INFRASTRUCTURE LTI



### Product Name: HIGH PR CLEANING VEHICLES WI

#### **Description:**

- The equipment is used sewer pipelines through the sewer lines. Heavily can be cleaned with the produced by the jetting in the manholes shall be the suction system. The the recycled filtered we suctioned from the man
- The main advantage of require fresh water for a The Jetting operation of interruption for long ducapacity of the fresh was suction-cumjetting De-

#### Manufacturer:

TPS INFRASTRUCTURE LTI



**Product Name: SUPER S** 

### **Description:**

- The Machine is a Heave machine is self-contain suitable for suctioning conjunction with Truck
- The machine is capabl sludge like mud, slurry, lines, storm water drain and capable of jetting diameters ranging from
- It consists of a water to of 4000 liters. The equip Ton GVW Chassis.
- Sewage collect tank (sometimes separate vehicles of tolliters mounted on a suit

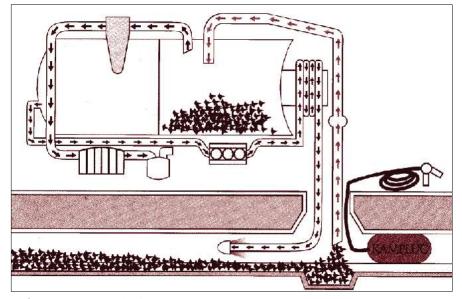
#### Manufacturer:

TPS INFRASTRUCTURE LTI

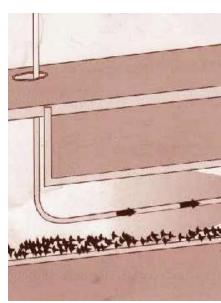
# **II.3 Dechoking of Sewer Lin**

Obstructions within the sewer line that do not allow the wastewater to flow a chokes are to be broken in order to resume the normal flow of wastewater. T dechoking a blockage is either by manual rodding, power rodding or high-p

Price Range: Rs. 6 to 61 Lakhs



High Pressure Water Jetting in Progress



High Pressure Water Jetting in Progress

Manual Rodding, Power Rodding & High Power Jetting Machine

### **DECHOKING OF SEWER LINES**



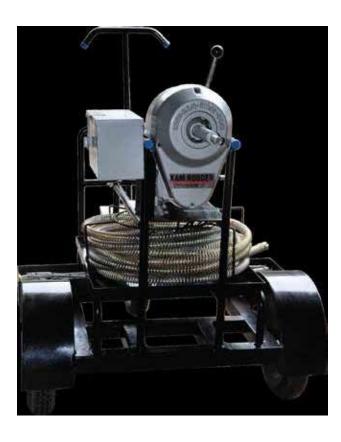
**Product Name: KAMROD** 

### **Description:**

- The KAMROD is suitable cleaner for 4" to 12" Line
- KAMROD is made is zinc steel and complies with t
- The tools and accessories chosen based on applications are Sand Driller, Double Control, Push Pull Tool.

#### Manufacturer:

### **DECHOKING OF SEWER LINES**



### **Product Name: KAMBORE**

#### **Description:**

Motorised Cabling - Cum

- Powered by a 0.5 HP,220 induction motor, the trollmachine drives the floex rods through a compact box and a timing belt ar
- The equipment is effective stubborn pipe and drain ranging from 4 inches to mode of cleaning the ser
- The flexible cables or sec steel sewer cleaning rods suitable for both externa applications.
- The concept of low speed effective.
- The standard accessorie Auger and Double Cork be optionally attached.

#### Manufacturer:



#### **Product Name: KAMRODI**

#### **Description:**

- The entire unit of the KAM M/s Sewer Equipment Co the design and manufac rodding equipment.
- The Kam-Rodder 8-1000 sewer rodding machine of 8mm x 1000mm sections attached to clean and retrees and other stubborn and/or sanitary sewer line approximate 300metre. maintain and uses a simple controls.

#### Manufacturer:



#### **Product Name: KAMJET**

#### **Description:**

- KAMJET is a truck chas available in multiple vo tank. These equipment is sewer lines of diamet
- De-choking and de-sil lines and chambers by suitably dimensioned je the dislodged effluent of desired disposal site for pressure/tipping of sluce
- Kamjet is available in v 1000 to 12000 ltr.

#### Manufacturer:



#### **Product Name: KAMJET G**

#### **Description:**

- Hydraulically driven, eleccleaning and maintenar is designed for:
- 1. De-choking of sewer line
- Flushing and de-silting a Water Jetting.
- Removal of silt and debr Grabbing.

All the above, without any pwater and man-entry.

- A suitable truck chassis (
   4.8 Tons Gross Vehicle We required horsepower and machine.
- The KAMJET GR is under a certification 10376/2018
- The KAMJET GR is the 2nd Development, India (MO Challenge 2018.
- Kamjet GR is available in

#### Manufacturer:



#### **Product Name: KAMBI**

#### **Description:**

- KAMBI is a truck chassis m combination machine avo of clean water and sludge capable of efficiently work from 200 -1000 mm.
- Siphoning the liquid and s sludge collection tank und manhole chambers, sewe sump tanks and gully pits desired disposal site for en pressure/tipping of sludge
- De-choking and de-silting lines and chambers by hig dimensioned jetting hoses effluent and transporting for emptying under gravity tank.
- Kambi is available in varyi 1 2000 ltr.

#### Manufacturer:



Product Name : TRUCK MO MACHINE

#### **Description:**

 These are Combination I PTO taking Power from V a Truck. These machines of Sewer Lines (De-choki sludge from Septic Tanks

#### **Specifications:**

 Vacuum Pump having FA Pressure: 8000 mm WC
 Pressure: 150 Bar Comb (Fresh Water: 4500 Ltrs. 6

#### Manufacturer:

JETBROOM WASTE SOLUTION



**Product Name: COMBIN** 

#### **Description:**

- Machine is a combinat Jetting and Suction with
- The tank capacity can partitioned into fresh w as per requirement.
- The machine can effect drainage lines and can distance of 200 feet an trailer mounted and co

**Manufacturer :** MANIAR & CO.



Product Name : JETTING N

#### **Description:**

- A high pressure jetting m 4000 liters suitable for ef underground drainage a
- The machine can effective drainage lines.
- The machine can be tow additional investment of

Manufacturer:



**Product Name: MULJET** 

#### **Description:**

- A high pressure jetting capacity suitable for eff underground drainage
- The machine can effect bar pressure and flow of

Manufacturer:



Product Name: TROMBIM

#### **Description:**

- A unique product develo necessity and demand o
- It is a combination of Hig Suction and D'silting Gro

#### **Specifications:**

- Compact
- Can ply in narrow lanes
- All operations can be do
- Cost effective, User friend

#### Manufacturer:



Product Name: HIGH PR

#### **Description:**

 The equipment is a Trucremoving blockages from High Pressure Water Jes sludge from the manho sludge by Hydraulic Tip through Blow-back Arre

#### Manufacturer:

TPS INFRASTRUCTURE LTI



Product Name : MULTIPU
CLEANING MACHINE

#### **Description:**

The machine is a multiple equipment suitable for 450 mm dia. with the he machine is provided with Bucket for cleaning sew provided with a Rodding obstructions in the sewer Truck Chassis

#### Manufacturer:

TPS INFRASTRUCTURE LTD

## III. Drain Cleaning Equip

In the urban areas, both natural (nallahs) and man made drains are in parallel existence and dispose the storm water runoff safely. But these drains are prone to continuous siltar Therfore, periodic cleaning or desilting is necessary for these drains for maintaining the the drain cleaning equipment that are available in the Country are discussed in the sub-



# **III.1 Desilting of Open Nall**

Periodic desilting of Open Nallahs or Culverts which may be covered by slab powered by tractors or jeeps or by using a high-powered vacuum technology

Price Range: Rs. 15 to 30 Lakhs



Mechanical Grabs mounted on Tractor, Jeep, Chassis



Product Name: KAMSC

#### **Description:**

- The KAMSCOOP is a trodrain de-silting eqipme both main roads and no medium sized cities and
- Machine is able to de-s canals of a maximum w meters, using a hydrau arrangement.
- The scooped out silt an open skip, a waiting du dumper trailer itself.

#### Manufacturer:



Product Name : KAMSC

#### **Description:**

- The KAMSCOOP can be drive vehicle / jeep. The parallely to the open no and other floating bodi
   The excavated silt can keeping the front side f
- The Kamscoop with a b an arm radius of 3.65 m

#### Manufacturer:



Product Name : KAMSC

#### **Description:**

- KAMSCOOP TBCT is ide and towns having a dra large sized open drains
- Capable of removing sides
   dry or flowing open drawailable in 3 variants of operations and open drawailable in 6 meters. Remain a folding type loading truck's cabin and tipped operated and extended

#### Manufacturer:



Product Name: NALHAM

#### **Description:**

- MANIAR Roadside Oper This machine is very use clean Road side open N
- The back-hoe can be e sitting directly on Nalah vision of the blockage for
- It can collect silt, mud, of and can accumulate th
- Apart from Trailer mour available on Bolero, Xer

Manufacturer:

# **III.2 Desilting of Large Ope**

Large nallas play a major role in the transportation of the excess storm water minimizing the inundation duration of the surrounding areas.

These large nallahs are prone to extensive siltation therefore reducing its hydromaintenance by mechanically grabbing is required to be carried out in these

After making the aforesaid inclusions and corrections you are requested to for DS (SBM-II) with a request to print with a copy to JS(SBM), Adviser (CPHEEO), S

Price Range: Rs. 2.5 Crores



Mobile All Terrain Excavator

### **DESILTING OF LARGE OPEN DRAINS**



Product Name: KAM-MA

#### **Description:**

- M/s Menzi Muck, Switze manufacturers of Mobile together with Kam-Avida Mate in models of varying attachments. We are delian engineering marvel the conventional excavator, Ito even reach.
- Kam-Mate may be used
- De-silting of inaccessib
- Dredging of Canals & S
- River Bank Reinforceme
- Stream and Canal Rest

#### Sold by:

KAM-AVIDA ENVIRO ENG

#### Manufacturer:

Menzi Muck, Switzerland

# IV SPECIAL INNOVATION

Presenting a range of new age cutting edge









#### Product Name: ANNAM-Me

#### **Description:**

- The on-site mobile treatm liquid separation, sludge t While the liquid is separate through the treatment pro
- The sludge thickening procontent in the sludge. The later goes for secondary t

#### **Specifications:**

- The Mobile Treatment Unit technology.
- It is a treatment system insable to treat the contents
- 3000 to 6000 lits/hr.

#### Manufacturer:

WASH INSTITUTE



#### **Product Name: BANDICOOT**

#### **Description:**

- The Robotic scavenger deve scavenging.
- Combination of pneumatic safe cleaning of manholes.
- Infrared cameras helping in wastes can be monitored in helps to control the robot in
- The operator doesn't need to operation can be remotely of

#### **Specifications:**

- Image processing & High re-
- Water Resistant & Dust Proof
- Lighter & Stronger than stee
- Simple to Use with auto clecDetection and alert for harn
- Artificial Intelligence for the
- Bandicoot 2.0 could manure

#### Manufacturer:

GENROBOTIC INNOVATIONS P



**Product Name: SEWER CRO** 

#### **Description:**

• To Clean Under Ground Se

#### **Specifications:**

- Operating Pressure: Max. to 175 bar
- Flow Rate: 145 LPM to 250
- Nozzle: Imported Ceramic
- Dimensions:
- Ref. Dia 200-400
- Flexibility 30 mm
- Length 500- 650 mm
- Weight: 12 kg -18 Kg
- Material:
- Turbine, Body frame: Stainl
- Cutting Blades: Low Carbo
- Wheels: PTFE/Nylonc
- Turbine RPM: 500 to 1500

#### Manufacturer:

SANITOR (Ajantha Techno So



#### **Product Name: DYNASTORM**

#### **Description:**

To Clean Underground (UGI pipe diameter.

#### **Specifications:**

- Operating Pressure: Max. 20 to 175 bar
- Flow Rate: 75 LPM to 100LPM
- Nozzle: Imported Ceramic N
- Dimensions:
- Ref. Dia 450 -1200mm
- Length 650 mm
- Weight: 35KG
- Material:
- Turbine, Body frame: Stainles
- Cutting Blades: Low Carbon
- Wheels: PTFE/Nylonc
- Turbine RPM: 500 to 1500 rp

#### Manufacturer:

SANITOR (Ajantha Techno Solu



**Product Name: GAS DETEC** 

#### **Description:**

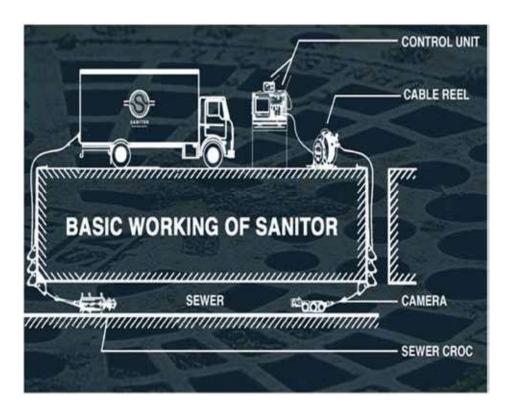
 To safely measure the pois opening the manhole lid.

#### **Specifications:**

- Consists of gas detector of on the manhole lid and ar sensors and display system
- Carbon Monoxide, Metha detected.
- Beep alert will ring if it exc

#### Manufacturer:

SANITOR (Ajantha Techno So



Product Name: ROBOTIC SEVON THE VEHICLE

#### **Description:**

 Robotic CCTV camera with lighting, Water proof to 40 m lp68 with camera reel and n

#### Manufacturer:

SANITOR (Ajantha Techno Solu



#### **Product Name: KAM CCTV**

#### **Description:**

- Spartan Tool 2.0 Traveller that takes finding and see network to the next level.
- The CCTV features a remains a remain the features are the common to the c

#### **Specifications:**

- Sapphire glass lens with Fitime. Camera centering g
- Tab<sup>®</sup> communicates via W anywhere on the job site
- Lithium-ion battery technology on a single charge
- Weight 15.5 Kg completeSize 22.5"W x 26"H x 12"D
- 0120 22**:0** W X 20 11 X 12
- Camera Resolution 640 x
- Wheels: PTFE/Nylonc
- Turbine RPM: 500 to 1500

#### Manufacturer:

### Contacts

Name : **KAM-AVIDA ENVIRO** 

**ENGINEERS PT. LTD.** 

Address: Plot No. 2, S. No. 255/1, Hinjewadi, Mulshi, Pune 411057

Contact : Arati Krishna Mobile : 09850557073 Tel. : 020 - 66756500

E-mail: mktgservices4@kam-avida.com

Website: www.kam-avida.com

Name: MANIAR & CO.

Address : Behind Ajit Mills, Rakhial, Ahmedabad - 380023, Gujarat,

Contact: Siddik Maniar

Mobile: 9909991010, 9925009005

Tel.: 079 22911636 E-mail: mkt@maniar.com cleancity@gmail.com Website: www.maniar.com

Name: TPS INFRASTRUCTURE LTD.

Address: M-84, Greater Kailash Part-II,

New Delhi-110048

Contact : Priyashil Choubey

Mobile: 8826572329

Tel.: 011-29212101, 29214007 Email: mkt.eqpt@tpsmfg.com Website: www.tpsmfg.com Name: JALODBUST

Address : E-i-R, Social Alpha, Fise (TATA Trusts supported)

Bengaluru - 560102 Contact : Rakesh Kasba

Mobile: 9480094320 / 8778860671 E-mail: jalodbust@gmail.com rakeshkasba@gmail.com

Name: JETBROOM WASTE SOLUTIONS

PVT. LTD.

Address: C-120, Dayalbagh, Faridabad -

121003 (Haryana)

Contact : Saloman Masih Mobile : 099537 81681

E-mail: jetbroomwspl@gmail.com

Name: WATER, SANITATION AND HYGIENE (WASH) INSTITUTE

Address: No.7/45-E,Srinivasapuram, Sembaganur Post, Kodaikanal -624 101, Dindigul District,Tamil Nadu, Contact: Mr. Arumugam Kalimuthu

Mobile : 09868888870 Tel. : 04542- 240881

Email: akalimuthu@washinstitute.org

Website: www.washinstitute.org

Name : **PVT. LT** 

Address Techno

Thiruva Contac

Mobile

E-mail : Website

> Name : **Solutio**

Address Road, A

Bangal

Contac Mobile

Email : Website



Listing of Sewer & Faecal Septage Cleaning Equipment India under "Swachh Bharat Mission" Category H

https://gem.gov.in/swachh-bharat-mis

# **Summary of Equipment on**

Sr. No	Name of Product	No of M
1	Tractor Trailer Mounted Suction Machine	
2	Tractor Trailer Mounted Suction Cum Jetting Machine	
3	Truck Mounted Suction Machine (Small)	
4	Truck Mounted Suction Machine (Medium)	
5	Truck Mounted Suction Machine (Heavy)	









## Summary of Equipment on GeM

Sr. No	Name of Product	No of M
6	Truck Chassis Mounted Suction Cum Jetting Machine (Small)	
7	Truck Chassis Mounted Suction Cum Jetting Machine (Medium)	
8	Truck Chassis Mounted Suction Cum Jetting Machine-(Heavy)	
9	Super Sucker Machine	
10	Super Sucker With Auxiliary Engine	

6 7 8









## Summary of Equipment on GeM

Sr. No	Name of Product	No of M
11	Truck Chassis Mounted Jetting Machine	
12	Combined- Suction, Jetting, Rodding and Grabbing	
13	Precast Manhole Covers	
14	Sewage Pumps	

11 12 13







### PERSONAL PROTECTIVE EQUIPMENT AS PI THE PROHIBITION OF MANUAL SCAVENGI REHABILITATION ACT 2013

ALL THE BELOW PRODUCTS ARE AVAILABLE ON THE

### 1. Safety Devices for Entering in to the manhole to avoid the Haza



Air Compressor Blower



Airline Breathing Apparatus



Airline Respirator With Manually Operated Air Blower



Air Purifier Gas Mc



Breathing Mask



Emergency Medical Oxygen Resuscitator Kit



Gas Monitor- 4 Gases



Chlorine Mask

### 2. Safety Devices for Protection from Skin Diseases, Cuts And Wou











Face Mask

Hand Gloves

Safety Goggles









Safety Gumboots

Safety Helmet

Head Lamp

Normal Face Mas









Safety Body Clothing

Rain Coat

Fishing Wader Suit with Boots

First Aid Box

# 3. Equipment for Safety from Slips, Trips, Road Accidents and accidents inside drains









Nylon Rope Ladder - 5 m

Reflecting Jackets

Nylon Safety Belt

Safety Harness









Caution Tape

Caution Cone

Caution Board

Lead Acetate test po









Safety Tripod set

Search Light

Safety Torch

Portable Oxyger

# **Notes**


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# **Notes**