

पनवेल महागनरपालिका जाहिर निविदा सुचना

निविदा क्र: PMC/IT/०२/२०२५

दि :- ०४/०६/२०२५

अतिरिक्त आयुक्त, पनवेल महानगरपालिका खालील नमूद कामांकरीता योग्य त्या वर्गात नोंदणीकृत ठेकेदारांकडून जाहिर निविदा बी- १ नमून्यात मागवीत आहे.

कामाचे नाव — पनवेल महानगरपालिकेतील सुरक्षा विभागाकरीता HHMD (Hand Held Metal Detector) व DFMD (Door Frame Metal Detector) उपकरणे खरेदी करणेबाबत.

अ. क्र	कामाचे नाव	निविदा फी	अनामत रक्कम
१	पनवेल महानगरपालिकेतील सुरक्षा विभागाकरीता HHMD (Hand Held Metal Detector) व DFMD (Door Frame Metal Detector) उपकरणे खरेदी करणेबाबत.	२३६०/-	१०,०००/-

Hand Held Metal Detector (Unit- 3)			
Sr. No.	Parameters	Specifications	Rate (with GST)
1	Features	Detect ferrous and Non-Ferrous metals. Pistol.22 at Min 6", Cartridge.22 at Min 2", Razor blade at Min 1" Operating temperature: (-) 20°C to (+)55°C, Scan Rate Minimum 3" to 24"/Sec. Single LED based Audio, Vibration and Visual indication for Switch ON., Metal Detection., Low battery Indication. Should be rugged and impact resistant ABS molded casing. HHMD shall work satisfactorily under Operating temperature: (-)20°C to (+) 55°C.	

Door Frame Metal Detector (Unit- 3)			
Sr. No.	Parameters	Specifications	Rate (with GST)
1	Detection	The System should be capable of detecting ferrous, nonferrous and alloy metals concealed on the body of a person when pass through the archway. Uniform detection from top to bottom is required. Should be able to detect multiple metal objects of various weights sizes and shapes in all the zones simultaneously from head to toe.	
2	Passage Dimension	Height - Min.200 cm, Breadth - Min 72 cm, Width - Min.57 cm	
3	Speed of passage	Performance of the DFMD should be independent of the speed of person passing through. This is particularly important as a person's foot may swing through the archway without touching the ground or may come to rest on the ground between the archway pillars	
4	Weight	Max 95 Kg.	
5	Power Supply	100-260 VAC 50-60Hz SMPS	
6	Alarm Indication	i) There should be acoustic and optical alarm with alphanumeric display height on person bar display (Metal locator). ii) There should be a provision for suitable setting for adjustment of volume of the audible alarm to overcome the ambient noise present in the vicinity	
7	Key Pad & LCD Console	Key Pad & LCD Console: 16 (Hex) Password Protected Membrane Keypad for DFMD Console: LCD (Min. 4 line * 40 Characters) (Min. Viewing area 140.45 mm* 30.00 mm) alpha-Numeric display with Blue backlit for detector parameters viewing and setting.	
8	Sensitivity	DFMD Should have Multi-zone Capability with uniform sensitivity in all zones.	
9	Zone	Not less than 8 (eight) zones real horizontal detection zones covering full height of the Equipment.	
10	Calibration	DFMD Shall have inbuilt feature of both manual and automatic calibration.	
11	Security	There should be provision to secure the access to the control unit by a password protected alpha numeric keypad ii) DFMD should reset itself within 3 sec after alarm condition iii) Unit should have traffic counter (IN and OUT). The equipment should work in bidirectional mode	
12	Other Features	High discrimination between small masses and personal metallic objects to each other up to a distance of one feet side by side Programming protected by password Magnetic field should be harmless to magnetic media, electronic devices & the equipment shall conform to International & National standards / regulations for safety, EMI & ICNRP (supported by test certificates from NABL (India) or other accredited labs from the country of origin of the equipment).	

		Should not be affected by heavily reinforced floors. Should not be affected by external RF transmission and EMI (supported by test certificates from NABL (India) or other accredited labs from the country of origin of the equipment). The DFMD shall be manufactured by a firm having established quality system in place and shall possess ISO 9001:2015 certification or better.
13	Static Metal Compensation	DFMD installed closed to fixed sheet or pieces of metal which form part of the building or its fittings. The DFMD should compensate for the presence of such metal and its performance should not be degraded by the presence of metal as stated above
14	Health & Safety	i) Magnetic field should be harmless to magnetic media electronic devices and should be film safe (Supplier shall submit test certificates from national / international accredited lab) ii) Operation of DFMD shall not be affected by infrared ultraviolet electromagnetic or RF radiation. Offered equipment shall comply with CE or equivalent safety/ immunity standard (Supplier shall submit test certificates from national / international accredited lab) iii) DFMD should be harmless to pacemaker and pregnant woman (Supplier shall submit test certificates from national / international accredited lab as per ICNIRP guidelines & have international certification)
15	Interference Rejection	i) Interference which is mains-borne or radiated by an external source should not cause the DFMD to raise the alarm spuriously. It should be possible to use equipment such as radio portable telephone walkie-talkie sets X-ray monitors etc. at a distance of one Mtr from the archway without causing spurious alarms. ii) Moving metal beyond 1 Mtr from DFMD should not affect performance of the DFMD. It should be possible to move metallic items like trolleys metallic gate opening/ closing one Mtr away from the DFMD without the generation of false alarm.
16	Operating Temperature	DFMD shall work satisfactory without any deterioration in performance within the temperature range - 20°C to +65°C, RH up to 90% noncondensing
17	Camera	DFMD should have in-built Camera of 2 MP (Mega Pixel) or Better at the entry side to capture the video of the incoming people with detection data and video should be recorded in the Hard Disk.
18	Display & Recording for Audit Trails	Parameter Display and recording for Audit/ trail. All the Detector Parameters like sensitivity, Threshold, Metal Level and IN-OUT count is being displayed at a time with the video feed (Text on Video Overlay) in the LED monitor for analysis of the event. Integration in such a manner that the detection data (Sensitivity, Threshold, Metal level in percentage and zone number with threshold crossed) should be synchronised with the video as an audit trail.
19	Monitor	LED 18.5 inches
20	DATA storage:	Inbuilt 1TB HDD recording for 30 days (Approx)
21	Recording OS	Linux
22	Recording Mode	Stand Alone DVR (4 channel)
23	Accessories to be provided	Operating manual for the user
24	Power Backup	Backup with external UPS for 30 mins backup in operational conditions

अटी व शर्ती :- * हेंडर कॉपी माहिती व तंत्रज्ञान विभाग, येथे उपलब्ध होईल.

१. पॅन कार्ड, GST Registration Certificate, Registration Certificate.
२. या कामी निविदा प्रपत्र रोख रक्कम भरणा करून दिनांक ०४/०७/२०२५ ते दि. १५/०७/२०२५ पर्यंत दुपारी ३.०० वाजेपर्यंत उपलब्ध होतील.
३. सीलबंद निविदा दि. १५/०७/२०२५ रोजी दुपारी ३.०० वाजेपर्यंत पनवेल महानगरपालिकेच्या मातंग विभागात स्वीकारण्यात येतील.
४. मुदतीत प्राप्त झालेल्या निविदा दि. १५/०७/२०२५ रोजी दु. ३.०० नंतर शक्य झाल्यास अथवा इतर सोयीच्या दिवशी उप आयुक्त यांच्या दालनात उपस्थित निविदाधारक किंवा त्यांचे प्रतिनिधि समक्ष उघडण्यात येतील.
५. अटी व शर्ती युक्त निविदाचा विचार केला जाणार नाही, कामांची देयके निधी उपलब्धतेनुसार अदा करण्यात येतील.
६. सदर कामाचे देयक सादर करताना बँकेचा तपशील सोबत जोडण्यात यावा.
७. प्रत्यक्ष कामांची ठिकाणे पाहून निविदा भराव्यात. प्राप्त निविदेतील १ अथवा सर्व निविदा कोणतेही कारण न देता मंजूर अथवा नामंजूर करण्याचा हक्क पनवेल महानगरपालिकेने राखून ठेवला आहे.

जा.क्र.पमपा/मातंग/२३९/२०२५

दिनांक - ०४/०७/२०२५

Signed by

Swarup Manik Kharage

Date: 03-07-2025 17:37:19

उप आयुक्त (मातंग)

पनवेल महानगरपालिका

निविदाधारकाची सही व शिक्का