

पनवेल महानगरपालिका
जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका हद्दीतील प्रभाग समिती 'क' प्रभाग क्र.१४ मधील भुखंड क्र.०४, सेक्टर - १६, नवीन पनवेल (प) या भूखंडावर पनवेल महानगरपालिकेचे "स्वराज्य" मुख्यालय इमारतीचे अंतर्गत सजावट व इतर अनुषंगीक कामे करणे. या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरीता खालील नमूण्यात दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीतील प्रभाग समिती 'क' प्रभाग क्र.१४ मधील भुखंड क्र.०४, सेक्टर -१६, नवीन पनवेल (प) या भूखंडावर पनवेल महानगरपालिकेचे "स्वराज्य" मुख्यालय इमारतीचे अंतर्गत सजावट व इतर अनुषंगीक कामे करणे.	०४/१२/२०२३ ते १२/१२/२०२३ (७ दिवस)

INTERNAL BUILDING WATER SUPPLY
Specification

Sr. No	DESCRIPTION	Quantity	Unit
	INTERNAL BUILDING WATER SUPPLY		
	PRESSURE REDUCING VALVE		
1.	Providing and fixing Pressure Reducing valves PN 16 of approved make as indicated including provision of 3 nos. of ball valves/Butterfly valves, for bypass arrangement etc. complete as directed by engineer-in-charge. Contractor to set pressure as per instructions from consultant during execution. (1 no. PRV + 3 Nos. Ball valve/Butterfly valve) (Make:-Honywell/Leader/Zoloto		
a.	15 mm dia	4.00	No.
b.	20 mm dia	20.00	No.
c.	25 mm dia	24.00	No.
d.	32 mm dia	32.00	No.
e.	40 mm dia	80.00	No.
f.	50 mm dia	19.00	No.
g.	65 mm dia	2.00	No.
	SOLENOID VALVE		
2.	Providing and fixing spring return motorised Solenoid valve PN 10 suitable for 240 Volts , with suitable motorised rotor 3 nos of float type sensors and control panel , to shut and close valve when water level is low / high in water tanks complete as directed by Engineer		

	In Charge. (Make- Rotex /Avcon)		
a.	65 mm dia	2.00	Each
	INTERNAL & EXTERNAL DRAINAGE SYSTEM		
3.	<p>GEBERIT INTERNAL DRAINAGE SYSTEM</p> <p>Supply, fixing and testing of Geberit make HDPE PIPE for drainage systems in the dimensions d 32–315 mm in accordance with EN 12056 in conjunction with DIN 1986-100 and EN 752. Discharge pipes made of tempered PE pipes with minimum reset of only 1 % -Density - 0.95 g/cm³ and fittings with smooth ends, for discharge pipes inside and outside buildings...Geberit HDPE meets the requirements of EN 12666-1 for buried discharge channels and pipes. HDPE Pipe need to supply along with necessary fittings such as, 45 deg. or 88.5 deg. bends, Tee's, Y's, access pipe and reducers. All pipe to pipe and pipe to fittings should be Butt welded as per requirement.Laying as per manufacturer guidelines in accordance with EN 12056 and DIN 1986-100, as well as EN752 and EN 1610.</p>		
a.	50 mm (OD)	325	RMT
b.	56 mm (OD)	155	RMT
c.	75 mm (OD)	695	RMT
d.	110 mm (OD)	905	RMT
	INHOUSE DIVERSION		
e.	110 mm (OD)	380	No
f.	125 mm (OD)	25	No
g.	160 mm (OD)	90	No
4.	MULTI FLOOR TRAP		
a.	Supply of Geberit HDPE Multi Floor Trap with 50 mm water seal		
b.	75 mm (OD)	216	No
5.	<p>GEBERIT SYPHONIC ROOF DRAINAGE SYSTEM</p> <p>GEBERIT PRIMARY ROOF DRAINAGE SYSTEM</p> <p>Primary System:-GeberitPluvia is a roof drainage system with systematic syphonically operated rainwater pipes. Hydraulic adjustment with Pluvia roof outlets and PE pipe system.</p> <p>Emergency overflow system:-Emergency overflow system with systematic syphonically operated rainwater pipes. Hydraulic adjustment with Pluvia roof outlets and PE pipe system.</p> <p>Drainage system</p> <p>Geberit PE is a drainage system for drainage systems in accordance with EN 12056 in conjunction with DIN</p>		

	<p>1986-100. Discharge pipes made of tempered PE pipes and fittings with smooth ends, for discharge pipes inside and outside buildings. Connection with butt welding and/or electrofusion welding.</p> <p>Laying as per manufacturer guidelines in accordance with EN 12056 and DIN 1986-100.</p> <p>Pipe fastening by means of zinc-plated pipe brackets for individual fastening to wall and ceiling in accordance with static requirements.</p> <p>Product material: PE, polyethylene halogen-free</p> <p>Linear expansion: 0.17 mm/m*K</p> <p>minimum reset of only 1 %</p> <p>Density - 0.95 g/cm³</p> <p>Temperature resistance: up to 80 °C, short-term 100 °C</p> <p>Building material class: DIN 4102-B2, normally inflammable</p> <p>UV resistance: The addition of approx. 2% soot largely protects the product material against ageing and embrittlement from sunlight</p>		
6.	<p>Supply Installation and testing Commissioning Of Geberit HDPE range of pipes as per following sizes. the system is the ideal system to meet the requirements of the Pluvia roof drainage system. Due to its outstanding material characteristics Geberit HDPE is especially suitable for prefabrication. The GeberitPluvia roof drainage system includes roof outlets, pipes and fittings made of Geberit HDPE. Unlike conventional roof drainage methods, the GeberitPluvia system functions as a syphonic system. The pipeline fills completely as rapidly as possible and creating a negative pressure. The water is drawn away by suction and not allowed to drain away constantly. This also ensures an improved self-cleaning function, etc. complete as directed by Engineer in charge. .Make:-Geberit</p>		
a.	75 mm (OD)	RMT	185
	90 mm (OD)	RMT	240
	110 mm (OD)	RMT	60
	125 mm (OD)	RMT	5
	160 mm (OD)	RMT	10
7.	<p>ROOF DRAINAGE OUTLET ACCESSORIES</p> <p>Supply of Geberit make roof drainage outlet for different type of roofs and water proofing comprises of following materials</p> <p>1)PLU RO w/contSht d90 25L/s.</p> <p>2)PLU supplementary set prom-d.</p> <p>3)mtng plate sqr L12x4x2.1 G1/2 Zn-pl.</p> <p>4)mtng plate sqr L12x4x2.3 G3/4 Zn-pl.</p>		

	<p>5)PLU suspension element f sq profile. 6)PLU support rail L500 square profile. 7)PLU connection element f sq profile. 8)PLU tension wedge steel L9. 9)PLU support set d90-200. 10)Geberit threaded rod: M=10mm, L=2m. 11)threaded pipe G1/2 L200 galvanized. 12)Geberit threaded pipe: G=3/4", L=2.0m</p>		
	25 lps	No	12
8.	<p>FASTENING MATERIAL Supply of Geberit make support rail, rail connection element, pipebracket, tension wedge, support set, base plate, threaded rod & threaded pipe</p>		
	75 mm (OD)	No	185
	90 mm (OD)	No	240
	110 mm (OD)	No	60
	125 mm (OD)	No	5
	160 mm (OD)	No	10
9.	<p>GEBERIT PRIMARY ROOF DRAINAGE SYSTEM Providing, fixing and testing Geberit HDPE range of pipes as per following sizes. the system is the ideal system to meet the requirements of the Pluvia roof drainage system. Due to its outstanding material characteristics Geberit HDPE is especially suitable for prefabrication. The GeberitPluvia roof drainage system includes roof outlets, pipes and fittings made of Geberit HDPE. Unlike conventional roof drainage methods, the GeberitPluvia system functions as a syphonic system. The pipeline fills completely as rapidly as possible and creating a negative pressure. The water is drawn away by suction and not allowed to drain away constantly. This also ensures an improved self-cleaning function, etc. complete as directed by Engineer in charge. .Make:- Geberi</p>		
	75 mm (OD)	RMT	195
	90 mm (OD)	RMT	230
	110 mm (OD)	RMT	55
	125 mm (OD)	RMT	5
	160 mm (OD)	RMT	10
10.	<p>ROOF DRAINAGE OUTLET ACCESSORIES Supply of Geberit make roof drainage outlet for different type of roofs and water proofing comprises of following materials</p>		

	<p>1) PLU RO w/contSht d90 25L/s. 2) PLU supplementary set prom-d. 3) mtng plate sqr L12x4x2.1 G1/2 Zn-pl. 4) mtng plate sqr L12x4x2.3 G3/4 Zn-pl. 5) PLU suspension element f sq profile. 6) PLU support rail L500 square profile. 7) PLU connection element f sq profile. 8) PLU tension wedge steel L9. 9) PLU support set d90-200. 10) Geberit threaded rod: M=10mm, L=2m. 11) threaded pipe G1/2 L200 galvanized. 12) Geberit threaded pipe: G=3/4", L=2.0m</p>		
	25 lps	No	12
11.	<p>FASTENING MATERIAL Supply of Geberit make support rail, rail connection element, pipebracket, tension wedge, support set, base plate, threaded rod & threaded pipe</p>		
	75 mm (OD)	No	195
	90 mm (OD)	No	230
	110 mm (OD)	No	55
	125 mm (OD)	No	5
	160 mm (OD)	No	10
12.	<p>BLDG EXTERNALWATER SUPPLY Providing and fixing on walls/ ceiling/ floors, 65 mm dia.heavy grade having embossed as ISI Mark galvanized iron pipes weight of 10.15 Kg/meter with necessary fittings. and remaking good the demolished portion and applying primer of anti-corrosive oil paint 2 coats Including necessary scaffolding and removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete..(UG TANK TO LOOPING) (Make:- Tata / Zenith / Jindal)</p>	51	RMT
13.	<p>V150 MULTILINE POLYMER CONCRETE DRAIN CHANNEL Designing ,Supply,Installation,Testing and Commisioning of Prefab Polymer Concrete Drain V150 Multiline Channels as per EN 1433 having following properties a) Compressive strength -96 N/mm2 b) Flexural strength -27N/mm2 c) Water absorption - 0.07% d) Manning's roughness- 0.011. The Channels must be 'V'-profile in shape with integrated edge protection made up of Galvanised Steel with boltless drainlock@grating with anti shunt 4 no. provision per length. The Channels must also be pre-sloped 1:200 or same invert / variable depth with 500 or 1000 mm length. With tongue and groove joints for interlocking, integrated lip labyrinth sealing for liquid-tight connection to ground line with needed accessories like end cap, end cap with outlet etc. Channels to</p>	410.00	RMT

	have anchoring features on the outside wall to ensure mechanical bond to the surrounding bedding material and pavement surface. The Channel gratings are made up of ductile iron in 500 mm length suitable for polymer concrete drain channel as per load class C250 confirming to EN 1433 . The Channels will have nominal width of 150 mm and invert depth varying between 210-310 mm as per design. (AT BASEMENT FLOOR)		
	Designing, Supply, Installation, Testing and Commissioning of closing end cap for V150 Multiline	8.00	No.
	Designing, Supply, Installation, Testing and Commissioning of Outlet suitable for DN 150 with LLS for V150 Multiline	4.00	No.
14.	POLYMER CONCRETE DRAIN CHANNEL WIDTH 700 Designing ,Supply,Installation,Testing and Commissioning of Prefab Qmax Channel as per DIN EN-1433, made of tough and corrosion resistant, chemical resistant MDPE material of size 465 mm bore width x 700 mm bore height with pavement beam feature with integrated Edge rail connected via beam to channel body and with reinforcement aid for installation. The Channel body will be with ultra stiff ribs design to withstand load. The Channels body must be 'V'- shape profile with edge rail in composite materials , 25 mm wide slot design, intake area of 17836 mm ² /m, each section will be 2.00 mtr. in length with EPDM gasket and bolts for watertight joint connection. The Channels will also be with Universal Access chamber -provides 4 way channels connection via chamber connection and step connectors for connecting different depths channels and other accessories. Art. No: 32935 / 32937 (AT GROUND FLOOR)	690.00	RMT
15.	Designing, Supply, Installation, Testing and Commissioning of Q max 700 closing end cap (Art no. 32835)	6.00	NOS
16.	Designing, Supply, Installation, Testing and Commissioning of Q max 700 Outlet (Art no. 32836)	37.00	NOS
17.	Designing ,Supply,Installation,Testing and Commissioning of Access chamber with D 400 load class covers for the maintenance purpose for Q max 700 channel (Art no. 44314)	34.00	NOS
18.	Q max 700 closing end cap & Outlet	15.00	Nos
19.	POLYMER CONCRETE DRAIN CHANNEL WIDTH 350 Designing,Supply,Installation,Testing and Commissioning of Prefab Qmax 350 Channel as per DIN EN-1433, made of tough and corrosion resistant, chemical resistant MDPE material of bore size of 350 mm with pavement beam feature with integrated Edge rail connected via beam to Channel body and with reinforcement aid for installation. The Channel body will be with ultra stiff ribs design to withstand load. The Channels body must be 'V'- shape profile with edge rail in composite materials, 9 mm wide slot design, intake	120.00	RMT

area of 17836 mm²/m, each section will be 2.00 m length with EPDM gasket and bolts for watertight connection. The Channels will also be with Universal Access chamber -provides 4way channels connection via chamber connection and step connectors for connecting different depths channels and other accessories. Art. No: 32918/32916 **(AT GROUND FLOOR)**

20.	Designing,Supply,Installation,Testing and Commisioning of Q max 350 closing end cap & Outlet	10.00	Nos
21.	Designing,Supply,Installation,Testing and Commisioning of Q max 350 Outlet. Art no. 42351	10.00	Nos
22.	Designing,Supply,Installation,Testing and Commisioning of Access chamber with D 400 load class covers for the maintenance purpose	6.00	Nos

वर नमूद सुचित दर्शविलेल्या बाबींचे पुरवठा करणारे पुरवठादार/दुकानदार/उत्पादक/विक्रेते यांनी नमूद केलेल्या बाबींकरीता असलेले दर स्वतःच्या लेटरहेडवर महापालिकेच्या कार्यालयात अथवा ई-मेल द्वारे pmcbandhkamdept01@gmail.com यावर दिनांक 12/12/2023 पर्यंत पाठवावे ही विनंती, सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.

Shubh

कार्यकारी अभियंता (प्रकल्प)
पनवेल महानगरपालिका

जा.क्र पमपा/बांधकाम/2321 /प्र.क्र.03 / 8920(E)/2023
दि. 9 / 12 / 2023

प्रत माहितीस्तव —

१. प्रसिध्दीकरीता
२. माहिती फलक करीता