

पनवेल महानगरपालिका जाहीर निविदा दरपत्रक

आयुक्त, पनवेल महानगरपालिका हद्दीमध्ये पायाभूत सोयी-सुविधेसाठी विविध तंत्रज्ञानाचा वापर करून शहराचे 3D Model विकसीत करणे व भू-अंतर्गत सेवांचे Mapping करून पायाभूत विकासासाठी सहाय्यभूत तांत्रिक संरचना तयार करणे. या कामाचे अंदाजपत्रक बनविण्याकरीता खाली नमूद केलेल्या बाबींकरीता खालील नमूण्यात दर मागविण्यात येत आहे.

अ.क्र.	कामाचे नाव	मुदत
१	पनवेल महानगरपालिका हद्दीमध्ये पायाभूत सोयी-सुविधेसाठी विविध तंत्रज्ञानाचा वापर करून शहराचे 3D Model विकसीत करणे व भू-अंतर्गत सेवांचे Mapping करून पायाभूत विकासासाठी सहाय्यभूत तांत्रिक संरचना तयार करणे.	१२/०६/२०२५ ते १८/०६/२०२५ (७ दिवस)

Specification

Sr. No	DESCRIPTION	Quantity	Unit
1.	Indo ArcGIS Ent. Adv 11with PFAJ (GIS Perpetual Server based license)	Nos.	1
2.	Indo ArcGIS Pro Advanced (GIS Perpetual Desktop based license)	Nos.	2
3.	Indo ArcGIS Pro Extension - Network Analyst (GIS Perpetual Desktop based license)	Nos.	2
4.	Indo ArcGIS Pro Extension - 3D Analyst (GIS Perpetual Desktop based license)	Nos.	2
5.	Indo ArcGIS Pro Extension - Spatial Analyst (GIS Perpetual Desktop based license)	Nos.	2
6.	Indo ArcGIS Pro Extension - Image Analyst (GIS Perpetual Desktop based license)	Nos.	2
7.	Supply of Hardware system – Procurement, Installation and Commissioning (for viewing, editing LiDAR, Orthomosaic and all the deliverables & raw data)	Nos.	5
8.	Permanent GCP Construction (at 5 strategic locations) to ensure clear visibility for all types of aerial surveys and satellite imagery.	Nos.	5
9.	Aerial Photogrammetry & LiDAR survey (data acquisition using unmanned aircraft with RGB Sensor (Nadir + Oblique) and LiDAR sensor)	Sq.Km	110
10.	DGPS survey for collection of GCPs (Collect highly accurate coordinate data for Ground Control Points using DGPS for use in georeferencing orthophotos, LiDAR data, and other geospatial layers.)	Sq.Km	110
11.	DGPS survey for collection of CPs (Accurately capture georeferenced ground coordinates using differential GPS for use in mapping, georeferencing, and accuracy validation of spatial data.)	Sq.Km	220
12.	Terrestrial & mobile backpack LiDAR survey (High-precision 3D mapping method using ground-based and wearable LiDAR systems to capture dense spatial data of complex environments with centimeter-level accuracy.)	Sq.Km	110
13.	Survey for capturing 360° Panoramic street view imagery (Street-level imagery captures immersive, georeferenced visual data of urban environments, enabling detailed analysis, asset mapping, and virtual city navigation)	Km	404
14.	Survey to create digital repository for underground infrastructure using GPR (Captures precise underground infrastructure data to build an accurate, centralized digital database for planning and maintenance)	Km	808
15.	Development & implementation of Web GIS application for 3D City model (To support infrastructure management and urban planning through interactive geospatial visualization and analysis, scalable and robust to address the future needs)	Nos.	1

16.	Survey data Processing and deliverables (Transformation of field-collected survey data into structured, high-quality deliverables including maps, models, and analytical datasets to facilitate data-driven planning, infrastructure design, and municipal decision-making.)	Nos.	1
17.	Development & implementation of Android application for 3D City model (Enabling mobile access to infrastructure data and urban planning tools through interactive, location-based visualization and analysis)	Nos.	1
18.	Integration of Enterprise GIS application with existing IT & GIS application (Create a unified platform for streamlined infrastructure management, spatial analytics, and data-driven urban planning)	Nos.	1
19.	Comprehensive Audit & Certification, VAPT & load testing from CERT-IN empaneled agency for all applications developed	Nos.	1
20.	Annual Maintenance Software (Optimal performance, security updates, and continuous support for uninterrupted infrastructure and urban planning operations)	Nos.	3
21.	Annual Maintenance Hardware (Ensuring reliable performance, timely servicing, and minimal downtime)	Nos.	3
22.	Annual Maintenance ArcGIS (Annual upkeep of ArcGIS suite to maintain system integrity, enable advanced geospatial functionalities, and ensure compliance with evolving urban planning needs)	Nos.	3

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 १८/०६/२०२५ पर्यंत पाठवावे ही विनंती, सदर दर हे अंदाजपत्रक तयार करणेसाठी गृहित धरणेत येणार आहेत.

कार्यकारी अभियंता
 Signed by
 पनवल महानगरपालिका
 Sudhir Vishwasrao Salunkhe
 Date: 11-06-2025 15:53:36
 ११/०६/२०२५

जा.क्र पमपा/बांधकाम/ ६५२५ /प्र.क्र. ६६ /२०१३ /२०२५, दि.
 प्रत माहितीस्तव — १. माहिती फलक करीता