



मिरा भाईंदर महानगरपालिका

स्व इंदिरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग, भाईंदर (प.), ता.जि.
ठाणे, 401 101. दुरध्वनी क्र. 28192828/28193087.



जा.क्र.मनपा/उद्यान/१०४०/२०२६-२७

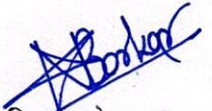
दि. 2९ / ०९ / २०२६

प्रती,
सिस्टम मॅनेजर
मिरा भाईंदर महानगरपालिका

विषय :- संकेत स्थळावर जाहिर नोटीस सुचना प्रसिध्द करणेबाबत.

उपरोक्त विषयान्वये मिरा भाईंदर शहराचा शहर जैवविविधता निर्देशांक (CBI), जैवविविधता धोरण आणि कृती योजना (LBSAP), लोक जैवविविधता नोंदवही (PBR), ब्लू ग्रीन इन्फ्रास्ट्रक्चर (BGI) रिपोर्ट तयार करणेकामी अंदाजपत्रक तयार करावयाचे असल्याने परंतु सदर कामाचे दर चालु जिल्हा दरसुचीमध्ये नसल्याने खुल्या बाजारातून स्पर्धात्मक दर मागविणे आवश्यक आहे.

सदरकामी सोबत जोडण्यात आलेली दरसुची महानगरपालिकेच्या अधिकृत संकेत स्थळावर प्रसिध्द / Upload करण्यात यावी.


(कविता बोरकर)

उप आयुक्त (उद्यान)
मिरा भाईंदर महानगरपालिका

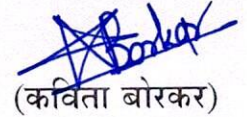
जा.क्र.मनपा/उद्यान/१७४०/२०२६-२७

दि. 2९ /०९/२०२६

// जाहिर नोटीस //

मिरा भाईंदर शहराचा शहर जैवविविधता निर्देशांक (CBI), जैवविविधता धोरण आणि कृती योजना (LBSAP), लोक जैवविविधता नोंदवही (PBR), ब्लू ग्रीन इन्फ्रास्ट्रक्चर (BGI) रिपोर्ट तयार करणेकामी चालु जिल्हा दरसुचीमध्ये दर उपलब्ध नसल्यामुळे खुल्या बाजारातून दरपत्रक मागविण्यात येत आहे.

सदर कामाची दरसुची महानगरपालिकेच्या संकेत स्थळावरून Download करून दि. ०६ /१०/२०२६ रोजी सायं. ४:०० वाजेपर्यंत मिरा भाईंदर महानगरपालिका, उद्यान विभाग, २ रा मजला, प्रभाग समिती क्र. ०४, कै. विलासराव देशमुख भवन, जांगिड इन्क्लेव्ह, कनकिया, मिरारोड (पुर्व) येथे स्वारस्य असलेल्या कंत्राटदाराने सोबत जोडलेल्या दरपत्रकातील बाबींकरीता दर भरून बंद लिफाफ्यामध्ये देण्यात यावेत.



(कविता बोरकर)

उप आयुक्त (उद्यान)

मिरा भाईंदर महानगरपालिका

// दरसूची //

मिरा भाईंदर शहराचा शहर जैवविविधता निर्देशांक (CBI), जैवविविधता धोरण आणि कृती योजना (LBSAP), लोक जैवविविधता नोंदवही (PBR), ब्लू ग्रीन इन्फ्रास्ट्रक्चर (BGI) रिपोर्ट तयार करणेकामी कामाची दरसूची

अ.क्र.	तपशिल	दर (Without Taxes)																				
1	City Biodiversity Index (CBI) <u>Scope of Work</u> The Consultancy Agency shall undertake the following activities: • Review the existing CBI documentation for MBMC; compile all available biodiversity records, species lists, habitat maps, GIS datasets and governance information gathered during the previous CBI exercise. • Update and re-score all 28 CBI indicators using fresh field data, updated high-resolution satellite imagery, recent biodiversity survey records and secondary data from published literature, government databases and citizen science platforms (eBird, iNaturalist, India Biodiversity Portal). • Conduct targeted primary field surveys for flora, fauna, habitats and ecosystem services indicators that require ground-truthing or have gaps in secondary data; ensure representative coverage across the key ecological zones of MBMC — mangroves, coastal wetlands, urban forests, parks and open spaces. • Score all 28 indicators as per the official CBI Technical Manual methodology; compute the aggregate biodiversity index score; analyse indicator-wise trends and changes against the previous MBMC CBI assessment; benchmark the updated score against available comparable Indian city assessments. • Conduct minimum one validation workshop with MBMC officials, subject matter experts and community stakeholders to validate the updated CBI scores and incorporate feedback before finalisation. Prepare the Updated CBI Report with all indicator scoresheets, trend analysis versus the previous assessment, thematic GIS maps and actionable recommendations; establish a monitoring calendar and data update protocol for annual CBI maintenance by MBMC. <u>Deliverable</u> <table><tr><th>Sr. No.</th><th>Deliverable</th><th>Format</th><th>Copies</th></tr><tr><td>1</td><td>Inception Report — Updated Data Collection Plan, Detailed Methodology Note and Project Workplan for Component A</td><td>PDF + MS Word</td><td>Digital</td></tr><tr><td>2</td><td>Updated CBI Report with all 28 indicator scoresheets, trend analysis versus previous MBMC assessment, thematic GIS maps and recommendations — Draft (for MBMC review)</td><td>PDF + MS Word</td><td>1 copy</td></tr><tr><td>3</td><td>Updated CBI Report — Final, incorporating MBMC's review comments, with Executive Summary</td><td>PDF + MS Word + Print</td><td>10 printed copies + digital</td></tr><tr><td>4</td><td>GIS Deliverables: Updated habitat map, land use map, species distribution maps and biodiversity index maps in ESRI Shapefile (SHP) and GeoTIFF formats</td><td>SHP / GeoTIFF</td><td>Digital (pen drive)</td></tr></table>	Sr. No.	Deliverable	Format	Copies	1	Inception Report — Updated Data Collection Plan, Detailed Methodology Note and Project Workplan for Component A	PDF + MS Word	Digital	2	Updated CBI Report with all 28 indicator scoresheets, trend analysis versus previous MBMC assessment, thematic GIS maps and recommendations — Draft (for MBMC review)	PDF + MS Word	1 copy	3	Updated CBI Report — Final, incorporating MBMC's review comments, with Executive Summary	PDF + MS Word + Print	10 printed copies + digital	4	GIS Deliverables: Updated habitat map, land use map, species distribution maps and biodiversity index maps in ESRI Shapefile (SHP) and GeoTIFF formats	SHP / GeoTIFF	Digital (pen drive)	Rs. /-
Sr. No.	Deliverable	Format	Copies																			
1	Inception Report — Updated Data Collection Plan, Detailed Methodology Note and Project Workplan for Component A	PDF + MS Word	Digital																			
2	Updated CBI Report with all 28 indicator scoresheets, trend analysis versus previous MBMC assessment, thematic GIS maps and recommendations — Draft (for MBMC review)	PDF + MS Word	1 copy																			
3	Updated CBI Report — Final, incorporating MBMC's review comments, with Executive Summary	PDF + MS Word + Print	10 printed copies + digital																			
4	GIS Deliverables: Updated habitat map, land use map, species distribution maps and biodiversity index maps in ESRI Shapefile (SHP) and GeoTIFF formats	SHP / GeoTIFF	Digital (pen drive)																			

अ.क्र.	तपशिल	दर (Without Taxes)																
2	Preparation of Local Biodiversity Strategy & Action Plan (LBSAP) <u>Scope of Work</u> The Consultancy Agency shall undertake the following activities: • Conduct a situational analysis to document key drivers of biodiversity loss in Mira Bhayandar, including coastal reclamation, mangrove encroachment, invasive alien species, urban heat island effects, habitat fragmentation, pollution and the impacts of climate change; assess institutional, policy and data gaps. • Develop a 10-year vision (2027–2036) for biodiversity conservation in Mira Bhayandar, with measurable goals and time-bound targets aligned with the KMGBF 30x30 target, India's NBSAP and the MBCAP 2025. • Formulate evidence-based strategies and action plans that directly address gaps identified in the updated CBI score (Component A), covering: habitat protection and ecological connectivity; species conservation for endemic and keystone taxa; urban greening and green infrastructure enhancement; coastal and mangrove ecosystem conservation; invasive species management; ecosystem services valorisation; and community engagement and biodiversity education. • Recommend specific integration pathways for embedding biodiversity strategies into MBMC's Development Plan (DP), Coastal Regulation Zone (CRZ) management, ward-level development proposals, budget allocations and sectoral departmental policies. • Define institutional arrangements and coordination mechanisms, including the roles of MBMC departments, Maharashtra Forest Department, MCZMA, Mangrove Cell, Maharashtra State Biodiversity Board, research institutions and civil society organisations. • Identify potential funding sources and partnerships, including Central and State Government grants, Green Climate Fund, UNDP/GEF programmes, CSR and public-private partnerships; prepare indicative resource mobilisation strategies. • Develop a comprehensive Monitoring, Evaluation and Reporting (MER) framework with baseline indicators (anchored to the updated CBI scores), targets, responsible agencies, timelines and indicative budget; design a 5-year implementation monitoring protocol. • Propose a Training and Capacity Building Programme for MBMC officials, ward-level staff, elected representatives and community organisations; develop Public Awareness and Knowledge Management plans for biodiversity mainstreaming. Conduct minimum two stakeholder consultations (including one with elected representatives and senior MBMC officials, and one with ward-level staff and community groups) to validate the LBSAP strategy framework and action plans. <u>Deliverable</u> <table><tr><th>Sr. No.</th><th>Deliverable</th><th>Format</th><th>Copies</th></tr><tr><td>1</td><td>Draft LBSAP (2027–2036) with 5-Year Implementation Plan and MER Framework — Draft (for MBMC review)</td><td>PDF</td><td>1 copy</td></tr><tr><td>2</td><td>Final LBSAP (2027–2036) with 5-Year Implementation Plan, MER Framework and Resource Mobilisation Strategy — incorporating MBMC's review comments</td><td>PDF + Print</td><td>10 printed copies + digital</td></tr><tr><td>3</td><td>LBSAP Summary Brochure — in English and Marathi, print-ready PDF, designed for public and community dissemination</td><td>Print-ready PDF</td><td>5 copies (English) + 5 copies (Marathi)</td></tr></table>	Sr. No.	Deliverable	Format	Copies	1	Draft LBSAP (2027–2036) with 5-Year Implementation Plan and MER Framework — Draft (for MBMC review)	PDF	1 copy	2	Final LBSAP (2027–2036) with 5-Year Implementation Plan, MER Framework and Resource Mobilisation Strategy — incorporating MBMC's review comments	PDF + Print	10 printed copies + digital	3	LBSAP Summary Brochure — in English and Marathi, print-ready PDF, designed for public and community dissemination	Print-ready PDF	5 copies (English) + 5 copies (Marathi)	Rs. /-
Sr. No.	Deliverable	Format	Copies															
1	Draft LBSAP (2027–2036) with 5-Year Implementation Plan and MER Framework — Draft (for MBMC review)	PDF	1 copy															
2	Final LBSAP (2027–2036) with 5-Year Implementation Plan, MER Framework and Resource Mobilisation Strategy — incorporating MBMC's review comments	PDF + Print	10 printed copies + digital															
3	LBSAP Summary Brochure — in English and Marathi, print-ready PDF, designed for public and community dissemination	Print-ready PDF	5 copies (English) + 5 copies (Marathi)															

अ.क्र.	तपशिल	दर (Without Taxes)																
3	Updation of People's Biodiversity Register (PBR) <u>Scope of Work</u> The Consultancy Agency shall undertake the following activities: • Review and collate all existing MBMC PBR documentation, earlier survey records, ward office data and any biodiversity datasets held by MBMC, its ward offices and the Garden & Environment Department; identify gaps, outdated entries and species/habitat information requiring revision. • Collate updated secondary datasets — published biodiversity records, satellite imagery, government survey reports, citizen science records (eBird, iNaturalist, India Biodiversity Portal) — to supplement and update the existing register. • Organise minimum 2 (two) zonal stakeholder consultation workshops, covering all geographical zones of MBMC's jurisdiction, with participation of Local Biodiversity Committee (LBC) members, ward representatives, resident associations, local naturalists, traditional knowledge holders and fisheries community representatives, to document local ecological knowledge, biodiversity observations, traditional uses and biodiversity-dependent livelihoods. • Verify and update information on flora, fauna, microorganisms, ecosystems and agro biodiversity through targeted field verification in key ecological zones; document newly recorded species, changed habitat conditions, emerging threats including invasive species, changes in species status and traditional ecological knowledge not previously captured. • Integrate primary field data from Component A (CBI biodiversity surveys) and the zonal consultation findings into a structured city-level PBR Digital Database in NBA-compatible format, with geospatial tagging and GIS maps where appropriate. Prepare one comprehensive, integrated People's Biodiversity Register for MBMC as a single printed document in English and Marathi, structured per the NBA and MSBB PBR template, and including summary infographics, zonal maps and photographic records for community access and public display. <u>Deliverable</u> <table><tr><th>Sr. No.</th><th>Deliverable</th><th>Format</th><th>Copies</th></tr><tr><td>1</td><td>Draft Comprehensive People's Biodiversity Register for MBMC (for MBMC's review and comments)</td><td>PDF + Print</td><td>1 copy</td></tr><tr><td>2</td><td>Final Comprehensive People's Biodiversity Register for MBMC — printed in English and Marathi</td><td>Print + PDF</td><td>5 copies (English) + 5 copies (Marathi)</td></tr><tr><td>3</td><td>City-level PBR Digital Database — NBA-compatible format, geospatially tagged, submitted on pen drives</td><td>Digital Database</td><td>5 pen drives</td></tr></table>	Sr. No.	Deliverable	Format	Copies	1	Draft Comprehensive People's Biodiversity Register for MBMC (for MBMC's review and comments)	PDF + Print	1 copy	2	Final Comprehensive People's Biodiversity Register for MBMC — printed in English and Marathi	Print + PDF	5 copies (English) + 5 copies (Marathi)	3	City-level PBR Digital Database — NBA-compatible format, geospatially tagged, submitted on pen drives	Digital Database	5 pen drives	Rs. /-
Sr. No.	Deliverable	Format	Copies															
1	Draft Comprehensive People's Biodiversity Register for MBMC (for MBMC's review and comments)	PDF + Print	1 copy															
2	Final Comprehensive People's Biodiversity Register for MBMC — printed in English and Marathi	Print + PDF	5 copies (English) + 5 copies (Marathi)															
3	City-level PBR Digital Database — NBA-compatible format, geospatially tagged, submitted on pen drives	Digital Database	5 pen drives															

अ.क्र.	तपशिल	दर (Without Taxes)																
4	Inventorisation of Blue-Green Infrastructure (BGI) & NbS Feasibility Study Scope of Work The Consultancy Agency shall undertake the following activities: • Compile and review all available secondary data — MBMC garden and open space records, Development Plan layers, latest high-resolution satellite imagery, Mangrove Cell and MCZMA data, waterbody inventories, Terracon's previously prepared MBMC tree census data, coastal survey data, and any existing green space or ecological assessments. • Conduct a comprehensive spatial inventory and GIS-based mapping of all blue-green assets across MBMC's jurisdiction, including public open spaces (parks, gardens, playgrounds); urban forests and tree cover; mangroves and coastal wetlands (Vasai Creek ecosystem); seasonal and perennial waterbodies (lakes, nullahs, ponds, creeks); institutional and private green spaces; roadside greens and medians; brownfields and vacant lands with ecological potential. Classify all mapped assets by permeable vs impermeable surface and by functional vs encroached status. • Quantify total green cover, total waterbody area and per-capita open space at ward level; map spatial distribution across neighbourhoods to identify equity gaps in green space access; analyse connectivity between green and blue assets, identify fragmented ecosystems, missing ecological corridors and priority ecological restoration zones. • Undertake an ecological health assessment of a minimum of 8 representative blue and green spaces across MBMC's jurisdiction (selected to represent the range of habitat types), using a structured sampling protocol to assess vegetation quality and composition, species presence, water quality indicators (for waterbodies) and biodiversity value. • Conduct a socio-ecological survey across representative neighbourhoods to capture community perceptions, usage patterns, awareness levels and priorities related to green and blue spaces; engage with resident welfare associations, local naturalists and ward-level stakeholders. • Assess the suitability and feasibility of deploying specific NbS typologies within MBMC's urban context, including sponge parks and stormwater management features; mangrove restoration and coastal buffer planting; urban cooling forests and shaded green corridors; green infrastructure along roads, flyovers and public spaces; waterbody and riparian zone restoration; ecological connectivity plantings. • Prepare a BGI Mainstreaming Roadmap for MBMC identifying prioritised NbS intervention sites (minimum 10 sites, georeferenced), indicative cost estimates for priority interventions, implementation phasing, and clear integration pathways into MBMC's Development Plan, MBCAP and ward-level planning and budgeting processes. • Conduct minimum one multi-stakeholder consultations — one with MBMC officials, ward officers and planning departments, and one with community groups, environmental NGOs and local experts — to validate the inventory findings and NbS feasibility assessments. Deliverable <table><tr><th>#</th><th>Deliverable</th><th>Format</th><th>Copies</th></tr><tr><td>1</td><td>City-wide BGI Spatial Inventory Database — ward-wise GIS database in ESRI Shapefile (SHP), GeoTIFF and CSV formats with metadata documentation</td><td>Digital (SHP/GeoTIFF/C SV)</td><td>Digital (pen drive)</td></tr><tr><td>2</td><td>BGI & Green Space Atlas for Mira Bhayandar — thematic maps by asset typology, functional status and ecological value (minimum 10 thematic maps), printed and digital</td><td>Printed Atlas + PDF</td><td>10 printed copies + digital</td></tr><tr><td>3</td><td>Spatial Gap Analysis Report — ward-wise per-capita green space, equity assessment and priority restoration zones, with recommendations (10 copies + digital)</td><td>PDF + Print</td><td>10 printed copies + digital</td></tr></table>	#	Deliverable	Format	Copies	1	City-wide BGI Spatial Inventory Database — ward-wise GIS database in ESRI Shapefile (SHP), GeoTIFF and CSV formats with metadata documentation	Digital (SHP/GeoTIFF/C SV)	Digital (pen drive)	2	BGI & Green Space Atlas for Mira Bhayandar — thematic maps by asset typology, functional status and ecological value (minimum 10 thematic maps), printed and digital	Printed Atlas + PDF	10 printed copies + digital	3	Spatial Gap Analysis Report — ward-wise per-capita green space, equity assessment and priority restoration zones, with recommendations (10 copies + digital)	PDF + Print	10 printed copies + digital	Rs. /-
#	Deliverable	Format	Copies															
1	City-wide BGI Spatial Inventory Database — ward-wise GIS database in ESRI Shapefile (SHP), GeoTIFF and CSV formats with metadata documentation	Digital (SHP/GeoTIFF/C SV)	Digital (pen drive)															
2	BGI & Green Space Atlas for Mira Bhayandar — thematic maps by asset typology, functional status and ecological value (minimum 10 thematic maps), printed and digital	Printed Atlas + PDF	10 printed copies + digital															
3	Spatial Gap Analysis Report — ward-wise per-capita green space, equity assessment and priority restoration zones, with recommendations (10 copies + digital)	PDF + Print	10 printed copies + digital															

	4	Ecological Health Assessment Report — findings from minimum 8 assessed sites, including methodology, field data and site-wise recommendations	PDF	10 printed copies + digital
	5	Socio-Ecological Survey Report	PDF	10 printed copies + digital
	6	NbS Feasibility Study Report — covering minimum 5 NbS typologies, with site suitability analysis, indicative costs and implementation guidance	PDF + Print	10 printed copies + digital
	7	BGI Mainstreaming Roadmap — minimum 10 prioritised NbS intervention sites (georeferenced), indicative costs, phasing plan and integration pathways into MBMC planning frameworks	PDF + Print	10 printed copies + digital

सही व शिक्का