

## ROAD WORK

S.NO	Type of Services			RATES WITHOUT G.S.T		
		Units	Qty	< ₹1.5 Cr	₹1.5 cr to ₹5 Cr	₹5 cr to ₹ 15 Cr
1	Geotechnical study for road land including conducting a preliminary survey, performing soil investigation and subsurface exploration using necessary instruments (such as boreholes, SPT, and geophysical methods), collecting soil and rock samples, analysing physical and chemical properties in the laboratory, determining bearing capacity, slope stability, and groundwater conditions, preparing a detailed geotechnical report with design recommendations, and submitting it to the concerned authority for approval before commencing construction.	NO	1.00	17500.00	32500.00	75000.00
2	Survey of a road including conducting a topographical and contour survey of the site using total station or GPS, collecting traffic and soil data, analysing existing ground conditions, identifying the most feasible alignment of road with KML file, preparing geometric designs following IRC guidelines, designing pavement layers based on traffic load and soil conditions and all work complete.	NO	1.00	30000.00	60000.00	135000.00
3	Preparing Detailed Project Report (DPR) for a road project after analysing survey data, estimating quantities and costs, preparing structural drawings, compiling project-specific technical specifications, and submitting the final DPR to the competent authority for approval and tendering.	NO	1.00	40000.00	80000.00	150000.00
4	Making Forest Proposal including identifying the forest land, submitting the proposal through the PARIVESH Portal with relevant documents (Form A, geo-referenced maps, enumeration list, compensatory afforestation plan, and cost-benefit analysis if applicable), followed by site inspection and recommendation by the Divisional Forest Officer (DFO), scrutiny by the Conservator of Forests (CF) and Principal Chief Conservator of Forests (PCCF), submission to the State Government, forwarding to the Ministry of Environment, Forest and Climate Change (MoEF&CC) for approval (depending on the area size), obtaining Stage I Clearance with conditions (NPV payment and compensatory afforestation compliance), and finally securing Stage II Clearance after compliance, allowing handover of land and commencement of work.	NO	1.00	35000.00	65000.00	105000.00
5	Land Compensation proposal (Data Collection & Preliminary Assessment of the Road, Legal & Regulatory Compliance, Valuation & Compensation Estimation, Documentation & Proposal Preparation, Submission & Follow-up, Submission to Authorities, Stakeholder Meetings, Addressing Objections & Grievances, Monitoring the Approval Process and Payment Disbursement)	NO	1.00	35000.00	70000.00	125000.00
6	Construction of reference and back cutting pillars at 20-meter intervals on both sides and at 8.33-meter intervals on curves, as per the approved drawing and technical specifications including all labour , material complete.	NO	1.00	50000.00	100000.00	175000.00

## BUILDING WORK

1	Conducting a site survey, analysing topography and project requirements, preparing initial sketches, and developing detailed 2D architectural layouts. Additionally, creating 3D models for visualization by incorporating landscape and structural elements, followed by refining the designs based on feedback to accurately represent the project concept.	NO	1.00	37500.00	70000.00	100000.00
2	Presenting the final conceptual plan with realistic 3D views to the concerned authority for approval after thorough review and refinement.	NO	1.00	22500.00	52500.00	75000.00
3	Developing an interactive walkthrough of the 3D models to provide a realistic and immersive experience, allowing stakeholders to visualize the project from different angles and gain a comprehensive understanding of the design	NO	1.00	15000.00	35000.00	50000.00
4	Contour Survey, landscape design after identifying the site, conducting a detailed topographical and contour survey using total stations or GPS to map natural and man-made features, analyzing elevation data to prepare contour maps, designing the landscape by incorporating site conditions, drainage patterns, and aesthetic elements complete.	NO	1.00	20000.00	35000.00	50000.00
5	Detailed architectural drawings (2D & 3D after understanding project requirements, developing detailed floor plans, elevations, and sections in 2D, creating 3D models and visualizations for better understanding, incorporating structural, electrical, and plumbing details, ensuring compliance with relevant building codes and bylaws, and finally submitting the complete set of drawings to the concerned authority for approval before commencing construction.	NO	1.00	60000.00	150000.00	380000.00
6	Soil Investigation & Geotechnical study for building work including conducting a preliminary survey, performing subsurface exploration using boreholes, standard penetration tests (SPT), and geophysical methods, collecting soil and rock samples, analyzing their physical, chemical, and engineering properties in the laboratory, determining bearing capacity, settlement characteristics, and groundwater conditions, preparing a detailed geotechnical report with foundation design recommendations, and submitting it to the relevant authority for approval before commencing construction.,	NO	1.00	25000.00	50000.00	90000.00
7	Detailed Structural Design and Drawing of building project including analysing soil parameters, determining bearing capacity, selecting the appropriate foundation type, designing structural components (footings, columns, beams, and slabs) based on load calculations, preparing detailed structural drawings with reinforcement details, ensuring compliance with relevant IS codes, and obtaining approval from the competent authority before commencing construction.	NO	1.00	25000.00	50000.00	100000.00

8	Detailed Project Report Preparation for Building Works using architectural and structural drawings, incorporating site-specific recommendations, preparing a cost estimate and BOQ based on approved designs, ensuring compliance with relevant IS codes and local building regulations, and compiling all technical, financial, and administrative details to submit the DPR for approval and commencement of work.	NO	1.00	15000.00	35000.00	50000.00
	<b><u>BRIDGE WORK</u></b>					
1	Geological study of bridge site performing rock and soil mapping to analyze the geological characteristics, assessing slope stability to evaluate the risk of landslides or failures, and carrying out a subsurface investigation using techniques such as boring, drilling, and geophysical methods to determine soil and rock strata for ensuring structural stability and safe foundation design.	NO	1.00	50000.00	80000.00	200000.00
2	Hydrological Survey, data collection and design of bridge including , identifying the site and catchment area, conducting a topographic survey to assess river cross-sections and flow patterns, collecting hydrological data such as rainfall intensity, discharge, and flood levels, analysing historical flood data and high flood levels (HFL), determining the design discharge and scour depth, performing geotechnical investigations to assess soil bearing capacity and strata conditions, designing the foundation, substructure, and superstructure based on collected data, and finally preparing a hydrological and structural design report for approval and execution.	NO	1.00	75000.00	150000.00	250000.00
3	Detailed architectural drawings (2D &3D) for the bridge, which include structural details, elevation plans, and section views to ensure design accuracy and compliance with relevant standards before proceeding with construction.	NO	1.00	35000.00	60000.00	75000.00
4	Detailed Structural Design and Drawings incorporating data from soil investigation, hydrological analysis, and site conditions to ensure stability, safety, and compliance with relevant codes, ultimately leading to the preparation of final structural drawings for execution.	NO	1.00	50000.00	80000.00	200000.00
5	Detailed Project Report Preparation for Bridge Works using architectural and structural drawings, incorporating site-specific recommendations, preparing a cost estimate and BOQ based on approved designs, ensuring compliance with relevant IS codes and local building regulations, and compiling all technical, financial, and administrative details to submit the DPR for approval and commencement of work.	NO	1.00	35000.00	75000.00	125000.00

उपरोक्त न्यूनतम दरें इस प्रतिबन्ध के साथ स्वीकृत की जाती है कि प्रत्येक योजना में व्यय होने वाली अधिकतम धनराशि की सीमा, न्यूनतम दर अथवा शासनादेश संख्या 96873/XXVII(07)/E-43511/2022 दिनांक 07.02.2023 एवं लोक निर्माण द्वारा निर्धारित दरों से जो भी न्यूनतम हो।