

Construction of Tourist facility and Beautification along with parking facilities At Rolu at Namchi Sikkim

TECHNICAL REPORT

Brief:- This estimate amounting to Rs. 4960.63 Lakh (Rupees Forty Nine Crore Sixty Lakh Sixty Three Thousand) only has been framed to meet up the probable cost of the above cited work.

History:- The area is located on Melli Jorethang road in South Sikkim situated approximately at longitude N 27 ° 5' 49" and Latitude E 88 ° 23' 14.7" at an elevation of 284 meters. The history of this temple dates back to the time before the existence of the Melli- Jorethang road. The land was a large paddy field which was completely damaged and fragmented by historical flood of 1968, after the flood the landscape was completely transformed. The huge boulders in combination with ficus tree give the area a divine impression. The legend has it that the area was the resting place for a tiger who used to roar in the night and had to be offered animals like goats and pigeons to please him and prevent him from killing any of the other domesticated animals, but now no such animal sacrifices are made. People now offer only fruits and milk. The place was visited by The Hon'ble Chief Minister of Sikkim along with the Hon'ble Minister and Officers from Tourism Department, during the course of the visit The Hon'ble Chief Minister directed the Department to prepare the estimate to develop this place as a Tourist destination as well as place of worship for devotees within Sikkim and from outside the state.

The total cost of the Project is estimated at Rs 4960.63 Lakhs and the main components of the project are as under:

The main objective of this project to provide Infrastructure facilities.

Scope:- The scope of the work envisages the following:

1. Meditation Area will be constructed in RCC Frame structure with Tabular Truss Roofing and Granite Flooring.
2. Cave: It is an RCC structure and Outer Partition wall will be of CRSM and floor and stair will be of Marble and Granite Finish. Mural Painting in the walls.
3. Cafeteria : RCC structure with tabular roofing and Granite flooring .The beam and Column will be craved and Paint in traditional Style.
4. Sit Out : RCC structure ,with granite flooring .The beam and column will be craved and painted in traditional style ,Construction of Sit out.
5. Cow Shed : RCC structure with tabular truss and GCI sheet roofing. The floor is of 40 mm thick cement concrete finish with $\frac{1}{2}$ brick thick brick partition and 15 mm thick cement plaster.
6. Remodeling of Existing Structure: Roof treatment of existing building, RCC structure of proposed new construction and beam and column will be craved and painted in traditional style and mural painting in the walls.

7. Multipurpose Hall: RCC framed structure with tabular truss and GCI sheet roofing ,stair with granite finish, floor with marble finish, all door are in wood, windows and ventilation with uPVC finish with ½ brick thick partition wall and 15 mm thick cement plaster.
8. Wash Area: RCC structure ,with granite flooring .The beam and column will be craved and painted in traditional style
9. Site Development ,Protective work and River Training work.: The structure is in 1:2:4 Mix plum,1:3:6 Mix CRSM and 1:1:2 RCC .
10. Land Development work: 1:3:6 mix CRSM wall with stone soling and cement concrete flooring with kota stone flooring.
11. Pavement work: 60 mm thick paver block with Cement motar with MS Railing.
12. Construction of Emergency Ramp: RCC frame structure with granite floor finish.
13. Amphitheatre: The structure is in Plum concrete and CRSM with Kota stone.
14. Development of Garden and Water Bodies.

15. Gate: RCC structure the column and beam will be carved out and Painted in traditional Style with Mural painting .
16. Main Gate:RCC structure the column and beam will be carved and Painted in traditional Style with mural painting.
17. Drainage System: RCC structure with iron grating
18. Provision of Compound Lighting

Design:

Sl no	Component	Design
1	Foundation works	RCC isolated footings in M25 RCC design mix
	Frame Work/ Super Structure works	RCC M25 mix
2	Floors and Dados	All common floor areas with Marble finishing
		Stair case landing, risers and treads with Granite
		All toilet floors with Anti Skid Tiles
		Dados with Glazed tiles
3	Partition works	1/2 brick in 1:4 Mix cement mortar finished with wall putty and paintings
4	Roof work	Tubular Truss
		24 BWG Pre-painted sheet

5	Doors	32 mm thick Flush Door
6	Window	uPVC with glazed window
		RCC M25 mix
		1:2:4 Mix Plum
7	Protective work	1:3:6 Mix CRSM
		60mm thick paver blocks with 1:3
8	Paver	mix cement Mortar

Specification of Rate:- SOR 2020 of the SIKKIM PWD Including 15 % Escalation and Prevailing Market Rate for Non Scheduled Items.

Fund:- To be provided.


Land:- Tourism and Forest Department Land Available

Time for completion:- 24 month

Mode of Execution:- Through Open Tender

Submitted for administrative approval and financial sanction.


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Tourism & civil Aviation Department


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