

BIDDING DOCUMENT: Highway Construction Project

Project Name: State Highway 47 Expansion
Tender No: TND-2025-003
Issuing Authority: State Department of Transportation
Date Issued: March 8, 2025
Submission Deadline: April 12, 2025, 3:00 PM

Project Overview

Expansion of existing 2-lane highway to 4-lane divided highway with median, including construction of 2 bridges, 3 culverts, and associated infrastructure. Total length: 12.5 km.

Scope of Work

- Demolition of existing pavement sections
- Earthwork and sub-grade preparation
- Pavement construction (bituminous concrete)
- Bridge construction (2 nos. - 45m and 60m spans)
- Culvert construction and drainage works
- Road furniture (guardrails, signage, lane markings)
- Lighting and electrical works

Key Specifications

- Pavement: Bituminous concrete over granular sub-base
- Bridge: Prestressed concrete girders with RCC deck
- Culverts: RCC box culverts with proper drainage
- Road Furniture: Galvanized steel guardrails and reflective signage
- Lighting: LED street lights with solar backup option

Contract Details

- Estimated Cost: \$15.8 million
- Contract Duration: 30 months
- Performance Guarantee: 10% of contract value
- Retention: 5% for 36 months post-completion
- Payment Terms: Monthly progress payments based on work completion

Price Schedule & Cost Breakdown

Item	Description	Quantity	Unit	Rate (USD)	Amount (USD)
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1.0	Demolition & Site Clearance	12.5	Km	45,000	562,500
2.0	Earthwork & Sub-grade	185,000	Cu.M	8.50	1,572,500
3.0	Granular Sub-base	25,000	Cu.M	28.00	700,000
4.0	Bituminous Base Course	18,750	Cu.M	65.00	1,218,750
5.0	Bituminous Concrete Surface	12,500	Cu.M	85.00	1,062,500
6.0	Bridge Construction (45m span)	1	Nos	1,850,000	1,850,000
7.0	Bridge Construction (60m span)	1	Nos	2,450,000	2,450,000
8.0	Culvert Construction	3	Nos	285,000	855,000
9.0	Drainage Works	12.5	Km	85,000	1,062,500
10.0	Road Furniture & Signage	1	Lump Sum	485,000	485,000
11.0	Guardrails Installation	25.0	Km	12,500	312,500
12.0	Lane Marking & Road Painting	50.0	Km	8,500	425,000
13.0	Street Lighting	125	Nos	2,800	350,000
14.0	Electrical & Traffic Control	1	Lump Sum	650,000	650,000
15.0	Landscaping & Beautification	1	Lump Sum	1,240,250	1,240,250
				TOTAL	\$15,800,000

Eligibility Criteria

- **Minimum 15 years experience in highway construction**
- **Completed at least 3 highway projects of similar scale (>10 km)**
- **Valid contractor license Class A with highway specialization**
- **Financial turnover of minimum \$25M in last 3 years**
- **EMD (Earnest Money Deposit): \$158,000**

Contact Information

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