



NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVT. OF INDIA)

**Construction & Maintenance of existing stretch of NH-146B from
Sandalpur to Nasrullaganj (Length – 37.40 km) in the state of
Madhya Pradesh**

Request for Proposal

BID DOCUMENT

Volume-II

Office of the Regional Office-Bhopal (M.P)
National Highways Authority of India
Regional Officer-Bhopal, E-6/47, SmritiParisar,
Near Sai Board Bus Stop, Bhopal (MP) - 462016
Phone: 0755-2426638
E-mail: robhopal@nhai.org

August, 2024

VOLUME - II

SECTION: X BILL OF QUANTITIES

Note: Bidders are required to fill single percentage above/below the overall amount mentioned in the enclosed BOQ. This percentage would be applicable for all the items of work in the contract for working out the rates for each item of work. In case, financial bid is not submitted in prescribed BOQ format, the bid shall be considered as non-responsive. The Appendix forms part of Bid. Bidders are required to quote single percentage above/below the overall contract amount. This percentage would be applicable for all the items of work in the contract for working out the rates for each item of work.

The Appendix forms part of Bid. Bidders are required to fill up all the blanks in the form of Bid and Appendix thereto)

FINANCIAL BID FORM

The Regional Officer

National Highways Authority of India
Regional Office-Bhopal, E-6/47, SmritiParisar,
Near 11 No. Bus Stop, Bhopal (MP) - 462016
Phone: 0755-2426638
E-mail: robhopal@nhai.org

DESCRIPTION OF WORKS: Construction & Maintenance of existing stretch of NH-146B from Sandalpur to Nasrullaganj (Length – 37.40 km) in the state of Madhya Pradesh

Reference letter No.

Dear Sir,

Having examined the site of works and Bid Documents, comprising Instructions to Bidders, Scope of works, Conditions of Contract, Technical Specifications, Bill of Quantities and schedules for the execution of the above named works, we, the undersigned offer to execute and complete such works and remedy any defects therein in conformity with the said bid documents for the sum of Rs.____(Rupees____) or such other sum as may be ascertained in accordance with the said Bid documents.

2. We undertake, if our Bid is accepted, to commence the work within fifteen (15) days of receipt of the order to commence, and to complete and deliver the sections and whole of the works comprised in the Contract within the period stated in the bid hereto.
3. If our Bid is accepted, we will furnish Performance Security (ies) in the form of a Bank Guarantee to be jointly and severally bound on us, in accordance with the Conditions of Contract.
4. We agree to abide by this Bid for the period of One Hundred & Twenty (120) days from the last date fixed for Bid Submission and it shall remain binding upon us and may be accepted at any time before the expiry of that period.
5. We confirm our agreement to treat the Bid documents and other records connected with the works as secret and confidential documents and shall not communicate information contained therein to any person other than the person authorized by the Employer or use such information in any manner prejudicial to the safety and integrity of the works.
6. Unless and until an agreement is prepared and executed, this Bid,

together _____ with
your written acceptance thereof, shall constitute a binding Contract between
us, but without prejudice to your right to withdraw such
acceptance without assigning any reason thereof.

7. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 2024

Signature _____ in the capacity of _____ duly
authorized** To sign Bid for and on behalf of

(In block capital letters)

Address: _____

Signature of Witness _____

Name of witness _____

Address of witness _____

** Certified copy of Power of Attorney/authorization for signature shall be furnished by the bidder.

Bill of Quantities

Preamble

1. The Bill of quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Scope of Work and Specifications.
2. The quantities given in the Bill of quantities are estimated quantities. The basis of payment will be actual quantities of work indented and carried out and valued at the rates and prices tendered in the priced Bill of quantities, where applicable and otherwise at such rates and prices as the Engineer may fix within the terms of Contract.
3. The rates and prices tendered in the priced Bill of Quantities shall include all equipment, plant, tools, spares, labour, supervision, overheads, consumables, materials, erection, maintenance, testing of input material delivered, profit, taxes and duties together with all general risks, liabilities and obligations set out and implied in the Contract and other incidentals to comply with the requirements of technical specifications and scope of work.
4. The rates and prices shall be quoted entirely in Indian Currency.
5. A rate or price shall be entered as a single rate as Tender Premium % above/below on the amount in General Abstract.
6. The whole cost of complying with the provisions of the contract shall be included in the items provided in the priced Bill of Quantities and where no rates are provided the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
7. The contractor shall keep the entire carriageway neat and clean throughout the contract period. The contractor shall maintain guard rails, railings, crash barriers, road furniture etc in good condition by cleaning them frequently as advised/required by using suitable detergents/chemicals.
8. The staff of the contractor shall wear safety jackets, shoes, helmets etc. while on duty and any violation will attract a fine of Rs. 5,000/- for each incident.
Failure to erect safety signage or trying to carry out the works without proper precautions/safety measures as required will attract a fine of Rs. 5,000/- for each incident.
9. The Tendered rate for incident Management shall include all equipment, labour, material, consumable, tools, spares and other incidentals to comply with the requirement of the scope of the work and technical specifications.
10. General directions and descriptions of work and materials are not necessarily repeated or summarized in the Bill of Quantities. Reference to the relevant sections of the bidding documents shall be made before entering rates or prices against each item in the Bill of Quantities.
11. The Scope of Work being defined here as under along with the Bill of Quantities defined are as indicative only and shall be utilized as and when required as per the site conditions duly following the provisions contained in the Conditions of Contract as the present Contract is Installation and maintenance contract of the NH section. Thus, the additional works/Items that may be required to be executed shall be as per the provisions contained in the clause 37 of the Conditions of the Contracts and the BOQ Vol-II of RFP. However, the Indicative scope is mentioned here as under:

Name of Work:Construction & Maintenance of Road work at Nasrullaganj - Sandalpur SH-22 (Existing Road) (NH-146 B) in the state of Madhya Pradesh.

Detailed BOQ:

S.No	SOR 25.03.202 2 Item No.	Item	No	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	3.3	Excavation in Soil using Hydraulic Excavator and Tippers with disposal upto 1000 metres.	1	11200	Cum	55	616000
2	3.13	Embankment Construction with Material Obtained from Borrow Pits	1	27123.52	Cum	155	4204145.6
3	4.1	Granular Sub-base with Well Graded Material (CBR>30 or more) (Table:- 400-1 & Table 400-2)		7126.40	Cum	934	6656057.6
4	4.11	Wet Mix Macadam					
		Main carriage way	1	2800.00	Cum	1493	4180400
		For patch work	1	3383.10	Cum	1493	5050968.3
5	5.1	Prime coat					
		Main carriage way	1	11200	sqm	37	414400
		For patch work	1	22554	sqm	37	834498
6	5.2	Providing and applying tack coat					
	(i)	@ 0.40 kg per sqm (non bituminous surfaces)					
		Main carriage way	1	11200	Sqm	21	235200
		For patch work	1	23807	sqm	21	499947
7	5.5	Dense Graded Bituminous Macadam.					
	(ii)	for Grading I(40 mm nominal size) Bitumen Content minimum 4% with bitumen 30/40 (VG 40)					
		Main carriage way	1	1120	Cum	7891	8837920
8	5.5	Dense Graded Bituminous Macadam.					
	(v)	for GradingII(19 mm nominal size) Bitumen Content minimum 4.5% with bitumen 30/40 (VG 40)					
		For patch work	1	1190.35	Cum	8657	10304859.95
9	5.6	Bituminous Concrete.					
	(a)	Using Batch Mix Plant of appropriate capacity for Grading-II (30-40 mm thickness) Bitumen Content minimum 5.4%with 30/40 bitumen(VG-40)					
	(v)	Main carriage way	1	448	Cum	10182	4561536
		For patch work	1	714.21	Cum	10182	7272086.22
10	8.43	Providing and fixing guard stones 220x220x1000mm	1	200	each	368	73600
11	8.5	Retro- reflectorised Traffic signs.					
	(i)	90 cm equilateral triangle		10	Nos	3465	34650
	(iii)	60 cm circular		10	Nos	3214	32140
12	8.7	Direction and Place Identification signs upto 0.9 sqm size board.		10	Nos	6479	64790
13	8.25	Road Marking with Hot Applied Thermoplastic					
	(i)	Median Marking (As per IRC 35 : 2015, Marking Abbreviation LM 01)	1	53.33	Sqm	636	33920
	(ii)	Edge Marking (As per IRC 35 : 2015, Marking Abbreviation LM 23)	2	320.00	Sqm	636	203520
14	BOQ	Construction of Hume Pipe Culvert	4	4.00	Nos	294873.00	1179492
Total BOQ Amount (Excluding GST)							5,52,90,130.67

S. No.	Description	Amount (in Rs.)
1	Grand Total of BOQ (excluding GST)	5,52,90,130.67/-
2	I/We agree to execute the above works on the tender premium -----% above/below the Grand Total of the project Cost as given above.	%

13.3 *All duties, taxes (excluding the Goods & Service tax), royalties and other levies payable by the Contractor under the Contract, or for any other cause, shall be included in the rates, prices, and total Bid price submitted by the Bidder. The employer will perform duties in regards to the deduction of such taxes at sources as per applicable Law. The GST shall be paid on reimbursement basis (as applicable) subject to production of proof of such payment by the Contractor (Proof should contain name of work).*