

**U.P.STATE BRIDGE CORPORATION LTD.,
LUCKNOW**



**OFFICE OF THE GENERAL MANAGER (COMMERCIAL)
16, MADAN MOHAN MALVIYA MARG,
LUCKNOW**

**EXPRESSION OF INTEREST FOR DESIGN & DRAWING
OF
FOLLOWING WORKS**

Design and preparation of Drawing of -

- (1) Prestressed Girders, RCC Deck Slab for three Beam Span arrangement (22M, 25M, 28.25 M c/c Bearing),
- (2) Prestressed Beam and Deck Composite Super Structure for 3 Beam Arrangement (24 M c/c pier) with complete Super Structure arrangement,
- (3) R.C.C. Solid Slab (12 M c/c Pier) for 7.5m carriageway.
- (4) Design of superstructure for 28.25m c/c Bearing span only for four lane divided highway as per fig. 7.2A of IRC:SP:84-2014. The above work shall include Bearings, Pier Cap, Top Beam, Back Wall & Wing wall etc.
- (5) Foundation & Pier (for 28.25 M span and 7.5m carriageway). The design shall be as per IRC:112-2011 based on Limit State method duly proof checked by an IIT.

GENERAL TERMS AND CONDITIONS

01. Expression of Interest alongwith sealed offers shall reach to the office of the undersigned uptill 3.30 PM of 05.11.2018
02. The Consultants must be empanelment with UPSBC Ltd., Lucknow for Design of bridge structures.
03. The design shall be based on IRC-112-2011 (based on Limit State Method in seismic Zone III) and other latest edition of IRC Codes, MORTH Specification, other relevant codes, latest sound engineering practice and should be most economical.
04. Soft and hard copies of all the vetted designs calculations and drawings including GAD etc. shall be made available to U.P. State Bridge Corporation Ltd., and shall be treated as property of U.P. State Bridge Corporation Ltd.
05. The undersigned reserves the right to reject/accept any or all tenders without assigning any reason thereof.
06. The Design shall be got proof checked by any IIT on the offered rates by the consultants. No separate payment shall be made on this account.
07. Representative of firm/consultants have to visit this office fortnightly to discuss/intimate the progress of the work. No extra payment will be given for site visit.
08. Entire Stamp Duty for preparing the contract agreement shall be borne by the consultants/firm.
09. In case of any dispute in respect of the design, the same shall be settled by the Joint Managing Director, U.P. State Bridge Corporation Ltd., Lucknow, whose decision in the matter will be final and binding on consultant/firm.
10. Grade of concrete in all the components shall be decided by the designer.
11. The rates offered by the consultant shall be all inclusive of visits, accommodation and transportation etc. complete except G.S.T.
12. Designs and drawings shall have to be submitted within 15 days for a package.
13. Agreement must be made within three days from the date of issue of letter of acceptance.
14. Sealed offers shall be opened in presence of authorised representatives of the firm on 05.11.2018 at 5.00 PM
15. 20% advance against security deposit (FDR/BG) of equivalent value may be paid to the firm.

SCHEDULE OF THE PAYMENT FOR EACH PACKAGE

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|-----|---|---|-----|
| 01. | On submission of inception report | - | 20% |
| 02. | On Submission of design and drawing for proof checking | - | 50% |
| 03. | After final Proof Checking | - | 30% |

General Manager (Commercial)

I have read all terms and conditions and accept them.

Seal & Signature of Bidder

BILL OF QUANTITY

NIT No.: 357/GM(Comm.)/EOI/2018

Dated: 17/10/2018

Quotation inviting authority :- General Manager (Commercial). UP State Bridge Corpn. Ltd., Lucknow

Name of Work:- Design and preparation of Drawing of (1) Prestressed Girders, RCC Deck Slab for three Beam Span arrangement (22M, 25M, 28.25 M c/c Bearing), (2) Prestressed Beam and Deck Composite Super Structure for 3 Beam Arrangement (24 M c/c pier) with complete Super Structure arrangement, (3) R.C.C. Solid Slab (12 M c/c Pier). for 7.5m carriageway. (4) Design of superstructure for 28.25m Bearing span only for four lane divided highway as per fig. 7.2A of IRC:SP:84-2014. The above work shall include Bearings, Pier Cap, Top Beam, Back Wall & Wing wall etc. (5) Foundation & Pier (for 28.25 M span and 7.5m carriageway). The design shall be as per IRC:112-2011 based on Limit State method duly proof checked by an IIT.

| Sl. No. | Package No. | Work Details | Bid Price | |
|---------|-------------|---|------------|----------|
| | | | In figures | In words |
| 01 | (i) | <p>a) Design and preparation of the concerned drawings for the superstructure(7.50M Clear Roadway Without Footpath consisting 3 Prestressed beams of length 28.25M (c/c of bearings), X-beam, RCC deck slab, Crash barrier for Seismic Zone IV.</p> <p>b) Bearings, Pier cap, Top Beam, Back Wall & Wing Wall etc. (for superstructure 28.25M c/c of bearings, 7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV.</p> | | |
| 02 | (ii) | <p>a) Design and preparation of the concerned drawings for the superstructure(7.50M Clear Roadway Without Footpath) consisting 3 Prestressed beams of length 25.0M (c/c of bearings), X-beam, RCC deck slab, Crash barrier for Seismic Zone IV.</p> <p>b) Bearings, Pier cap, Top Beam, Back Wall & Wing Wall etc. (for superstructure 25.0M c/c of bearings, 7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV.</p> | | |
| 03 | (iii) | <p>a) Design and preparation of the concerned drawings for the superstructure(7.50M Clear Roadway Without Footpath) consisting 3 Prestressed beams and deck composite superstructure for 3 beam arrangement 24.0M (c/c of Pier), Crash barrier for Seismic Zone IV.</p> <p>b) Bearings, Pier cap, Top Beam, Back Wall etc.(for superstructure 24.0M c/c of pier, 7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV.</p> | | |

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|----|-------|--|--|--|
| 04 | (iv) | a) Design and preparation of the concerned drawings for the superstructure(7.50M Clear Roadway Without Footpath)consisting 3 Prestressed beams of length 22.0M (c/c of bearings), X-beam, RCC deck slab, Crash barrier for Seismic Zone IV. b) Bearings, Pier cap, Top Beam, Back Wall & Wing Wall etc. (for superstructure 22.0M c/c of bearings, 7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV. | | |
| 05 | (v) | a) Design and preparation of the concerned drawings for the superstructure for four lane divided highway bridge as per fig.7.2A of IRC:SP:84-2014 consisting prestressed beams of length 28.25m (c/c bearing), X-beam, RC C deck slab, crash barrier for seismic zone-IV. b) Bearings, Pier Cap, Top Beam, Back Wall and Wing Wall etc. for above superstructure for seismic zone-III and IV. | | |
| 06 | (vi) | a) Design and preparation of the concerned drawings for the superstructure(7.50M Clear Roadway Without Footpath) consisting RCC solid slab 12.00M (c/c of Pier), Crash barrier for Seismic Zone IV. b) Bearings, Pier cap, Top Beam, Back Wall & Wing Wall etc. (for superstructure 12.0M c/c of pier, 7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV. | | |
| 07 | (vii) | Design and preparation of the concerned drawings of the foundation, well cap and pier for 28.25 M (c/c of bearings)3 prestressed girder span (7.50M Clear Roadway Without Footpath) for Seismic Zone-III and Zone-IV. | | |

Rates shall be quoted online inclusive of vetting of designing from an IIT and all prevailing central and state government taxes.

NOTE:-1. In case of any discrepancy in Bid Amount (In figure words), bid price in words will dominate.

2. Consultants/Firm may take part in any package or in all packages or in as much as they desire by depositing Earnest money in each package for those packages in which they wants to participate.

3.Bid price entered as Zero shall be treated as Nil.

Signature and Stamp/Seal of Consultant/Firm

