

Dated 13.11.2021

To,

All Bidders

Sub: Consultancy Services for preparation of DPR/ Feasibility Report for Upgradation for four laning of Km. 10+900 to Km. 12+390 of NH-32 including construction of ROB at Km 11+500 on NH-32 in the State of Jharkhand: Results of Technical evaluation –reg

Sir,

Please refer to your bids received for subject work. In this regard the provisional technical evaluation sheet is hereby uploaded for comments if any. The comments of bidders must reach this office by email (roranchi@nhai.org) by 18.11.2021 at 5:00 PM failing which the authority shall consider the technical evaluation as final and proceed with opening of financial bid.

Manager (Tech)
RO-Ranchi

Annex-II

Technical Evaluation of DPR NH-32

description	max marks	Oms Infra	CEG	Bloom
relevant experience in last 7 years	40	33	40	40
material testing survey etc	20	18	18	15
qualification and revert experience of personnel	40	38.1	38.88	36.5
SUM	100	89.1	96.88	91.5

Dr. J. S. S.

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Relevant experience in last 7 years detailed

description

total marks Oms Infra CEG Bloom

Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects

More than the indicative Length of the package applied for 6

More than 2 times the indicative length of the package applied for 7

More than 3 times the indicative length of the package applied for 8

8 8 8 8

DPR for 2/4/6 laning projects each equal to or more than 40 % of

indicative length of a package applied for (or Feasibility Study for

2/4/6 laning projects each equal to or more than 60 % of indicative

length of a package applied for) length of a package

applied for (or Feasibility Study for 2/4/6 laning projects

each equal to or more than 60 % of indicative length of a package applied for)

1 project 5

2 projects 6

≥ 3 projects 7

7 7 7 7

DPR of Bridge having length more than 200 m

1 bridge 1

2 bridges 2

3 bridges 3

4 bridges 4

≥ 5 bridges 5

5 3 5 5

Specific experience of firms in terms of turnover

Firm's Average Turnover of last 5 years >50 crore 5

Firm Average Turnover of last 5 years 20-50 crore 4.5

Firm Average Turnover of last 5 years >5 crore but <20 crore 4

5 4 5 5

4.1 DPR of number of special bridges (ROB)

1 project 1

2 projects 2

3 projects 3

4 projects 4

≥ 5 projects 5

5 3 5 5

Highway Professionals * working with the firm

<10 nos. 0

10-20 nos. 8

20-30 nos. 9

>30 nos. 10

10 8 10 10

Sum

40 33 40 40

Material testing, survey and investigation, equipment and software proposed to be used (20)

description	max mark: Oms Infr: CEG			Bloom
Availability of Material Testing Facilities with persons/resources having operational skills of the equipment				
Owned* (Available In House) 3				
Outsourced (Hire basis/Through Associate) 2.25	3	3	3	2.25
Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment				
Owned** (Available In House) 2				
Outsourced (Hire basis/Through Associate) 1.5	2	2	2	1.5
Availability of Office Equipment and Software with persons/resources having operational skills of the equipment				
Owned*** (Available In House) 3				
Outsourced (Hire basis/Through Associate) 2.25	3	3	3	2.25
Experience in LiDAR or better technology for topographic survey				
(Infrastructure sector)				
1 project 1				
2 projects 2				
3 projects 3				
4 projects 4				
≥ 5 projects 5	5	5	3	4
Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities				
(Infrastructure sector)				
1 project 1				
2 projects 2				
3 projects 3				
≥ 4 projects 4	4	4	4	4
Experience in digitization of cadastral maps for land surveys				
Area upto 100 ha 1				
Area between 100-500 ha 2				
Area > 500 ha 3	3	1	3	1
sum	20	18	18	15

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Qualification and relevant experience of the proposed key personnel

description	max marks	Oms Infra	CEG	Bloom
Team Leader cum Senior Bridge Engineer	12	11.4	11.88	10.8
Highway cum Pavement Engineer	10	9.5	9.5	9.5
Bridge Structural Engineer	10	10	9.5	9
Material cum Geotechnical Engineer -Geolo	8	7.2	8	7.2
sum	40	38.1	38.88	36.5

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Team Leader cum Senior Bridge Engineer (12)

General Qualification	max mark	Oms	Inf	CEG	Bloom
Degree in Civil Engineering or equivalent [AICTE Approved]	20		20		20
Post Graduation in Structural Engineering, Degree/Diploma/Certificate in	5		5		0
Relevant experience and adequacy for the project					
Total professional experience					
<15 years	0				
15-18 years	11				
>18-21 years	13				
> 21 years	15		15		15
Experience in Highway/Bridge/Tunnel Projects					
< 5 years	0				
6-8 years	19				
>8-10 years	22				
>10 years	25		25		25
Experience in Similar Capacity					
As Team Leader/Project Manager or similar capacity of at least Two projects in Construction Supervision / IC involving 4 laning/6-laning/Expressway of minimum 50km length and atleast two major bridge of a length 500 mtr. (Excluding approaches).					
< 80km	0				
80 km-150km	15				
>150km-250km	17				
> 250km	20		20		20
In Feasibility of 2/4/6laning works or DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity- Number of Projects					
< 2 projects	0				
2 projects	8				
3- 5 projects	9				
> 5 projects	10		10		10
Employment with the Firm					
Less than 1 Year	0		0		0
1 year	3		0		0
Add 0.5 marks for each subsequent year subject to maximum	2		0		0
SUM	100		95		99
total marks	12		11.4		11.88
					10.8

Age

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Highway cum Pavement Engineer (10)

description	max marks	Oms	Infra	CEG	Bloom
General Qualification					
Degree in Civil Engineering or equivalent [AICTE Appr	20		20		20
Post graduation in Highway Engg/ Transportation Engineering[AICTE Approved]	5		0		0
Relevant Experience & Adequacy for the Project					
Total Professional Experience					
<8years 0					
8-12 years 11					
>12-15 years 13					
>15 years 15					
	15		15		15
Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways)					
<6 years 0					
6-10years 19					
>10-15 years 22					
>15years 25					
	25		25		25
Experience in Similar Capacity					
In Design/ Pavement Design of Highway Projects (2/4/6laning ofNH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80km)					
<80km 0					
80km-150km 15					
>150km-250km 17					
>250km 20					
	20		20		20
InDesign/Pavement Design ofHighwayProjects(2/4/6laningofNH/SH/ Expressways) in Similar Capacity – Number of Projects					
2 projects 8					
3- 5 projects 9					
> 5 projects 10					
	10		10		10
Employment with Firm					
Less than 1 Year	0		0		0
1 year	3		3		3
Add 0.5 marks for each subsequent year subject to maximum of 2 marks	2		2		2
SUM	100		95		95
total marks	10		9.5		9.5

Dr. J. S.

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Bridge Structural Engineer (10)

description	max marks	Oms	Infra	CEG	Bloom
General Qualification					
Degree in Civil Engineering or equivalent[AICTE Approved]	20	20	20	20	20
Post Graduation in Structural Engineering/ Bridge Engineerin.	5	5	5	0	0
Relevant Experience & Adequacy for the Project					
Total Professional Experience <8 years 0					
8-10 years 11					
>10-15=12 years 13					
>12 years 15	15	15	15	15	15
<i>Experience in Bridge Projects</i>					
Experience in project preparation and design of bridge projects					
<5 years 0					
5-8 years 19					
>8-10 years 22					
>10 years 25	25	25	25	25	25
Experience as Senior Bridge Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 laning of NH/SH/Expressways) involving design of Major Bridges (minimum 2 nos. of length more than 200m) <2 numbers 0					
2-4 numbers 24					
5-6 numbers 27					
> 6 numbers 30					
	30	30	30	30	30
Employment with Firm					
Less than 1 Year	0	0	0	0	0
1 year	3	3	3	3	0
Add 0.5 marks for each subsequent year subject to maximum of 2 marks	2	2	2	2	0
SUM	100	100	95	95	90
total marks	10	10	9.5	9	9



MATERIAL ENGINEER cum GEOTECHNICAL ENGINEER cum GEOLOGIST (8)

DESCRIPTION	max marks	Oms	Infra	CEG	Bloom
General Qualification					
Degree in Civil Engineering /M. Sc. in Geology[AICTE Approved]	20		20		20
Post graduation in Foundation Engineering / Soil Mechanics / Geo Tech					
Engineering or Phd in Geology[AICTE Approved]	5		0		0
Relevant Experience & Adequacy for the Project					
Total Professional Experience					
<10 years	0				
10-12 years	11				
>12-15 years	13				
>15 years	15		15		15
Experience in Highway Projects-- In Similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/ Construction Supervision					
<7 years	0				
7-10 years	19				
>10 -12 years	22		25		25
Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 80 km)					
<80km	0				
80km-150km	24				
>150km – 250km	27		30		30
Employment with Firm					
Less than 1 Year	0		0		0
1 year	3		0		0
Add 0.5 marks for each subsequent year subject to maximum of 2 marks	2		0		0
SUM	100		90		100
total marks	8		7.2		8

**Signature Not Verified**

Digitally signed by MANAB KUMAR PANI
Date: 2021.11.13 14:48:29 IST
Location: eProcurement System for Central
PSUs