



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय - पटना
Regional Office - Patna
शिवमित्रा अपार्टमेंट, प्रथम तल, विवेकानन्द मार्ग,
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भारतमाला
प्रगति के पथ पर अग्रसर

RO-PAT/PIU-BGS/Matihani-Shambo/IE/2020/1031

Date - 18/06/2021

Office Order

Sub:- Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar (Total Length - 22 Km).

With reference to NIT No. 117/RO-PATNA/NHAI/2021-22, following eight firms have submitted the bid online through e- tendering portal for the above mentioned work :-

- (i) M/s ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited
- (ii) M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.
- (iii) M/s Chaitanya Projects Consultancy Pvt. Ltd.
- (iv) M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.
- (v) M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited
- (vi) M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.
- (vii) M/s STUP Consultants Pvt. Ltd., India
- (viii) M/s TPF ENGINEERING PVT. LTD.

2. After technical evaluation by tender committee, score has been prepared which is attached as Annexure -I (from A to G). Further, it is requested to all of the eight bidders to please go through the score and respond us with full justification on email id- ropatna@nhai.org / nhairopatna@gmail.com within 7 days in case if they have any objection.

This issues with the approval of CGM (Tech) cum Regional Officer, Bihar.


(Manish Kumar)
Manager (Tech)

Copy to: - All the Committee Members.

Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar. (Total Length - 22 Km)

Tender No. 117/RO-PATNA/NHAI/2021-22

Evaluation Criteria for Firm's Relevant Experience (40)

Sl. No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited			M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.			M/s Chaitanya Projects Consultancy Pvt. Ltd.		M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.		M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited			M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.			M/s STUP Consultants Pvt. Ltd., India			M/s TPF ENGINEERING PVT. LTD.		Remarks
			MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	MAB	MEC	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	
1	Specific experience of the DPR consultancy related to the assignment for eligibility	15																						
1.1	Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects	8	8			8			8	8	8	8	8			8			8			8	8	
1.1.1	More than the indicative Length of the package applied for- 6 marks																							
1.1.2	More than 2 times the indicative length of the package applied for - 7 marks																							
1.1.3	More than 3 times the indicative length of the package applied for - 8 marks																							
1.2	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)	7	7			7			7	7	7	7	7			7			7			7	7	
1.2.1	1 project - 5 marks																							
1.2.2	2 projects - 6 marks																							
1.2.3	≥ 3 projects - 7 marks																							
2	DPR of Bridge having length more than 200 m	5	5			5			5	5	5	5	5			5			5			5	5	
2.1	1 bridge- 1 mark																							
2.2	2 bridges - 2 marks																							
2.3	3 bridges- 3 marks																							
2.4	4 bridges - 4 marks																							
2.5	≥ 5 bridges - 5 marks																							
3	Specific experience of firms in terms of turnover	5	3			5			4.5	4.5	5	5	5			5			5			5	5	
3.1	Firm's Average Turnover of last 5 years > 50 crore- 5 marks																							
3.2	Firm Average Turnover of last 5 years 20-50 crore - 4.5 marks																							
3.3	Firm Average Turnover of last 5 years > 5 crore but < 20 crore - 4 marks																							
4	DPR for special category projects (Special bridges/ tunnels or expressways, whichever applicable). It is to be noted that either 4.1 or 4.2 shall be applicable, and not both.	5	5			5			5	5	5	1	3			3			5			5	5	
4.1	DPR of number of special bridges/ tunnels (if applicable)																							
4.1.1	1 project- 1 marks																							
4.1.2	2 projects - 2 marks																							
4.1.3	3 projects - 3 marks																							
4.1.4	4 projects - 4 marks																							
4.1.5	≥ 5 projects - 5 marks																							
5	Highway Professionals * working with the firm	10	9			10			10	10	10	10	10			10			10			10	10	
5.1	<10 nos. - 0 mark																							
5.2	10-20 nos. - 8 marks																							
5.3	>20-30 nos. - 9 marks																							
5.4	>30 nos. -10 marks																							
	Total	40	37	0		40	0		39.5	39.5	40	36	38	0		38	0		40	0		40	40	

Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar. (Total Length – 22 Km)

Tender No. 117/RO-PATNA/NHAI/2021-22

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

S.No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited			M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.			M/s Chaitanya Projects Consultancy Pvt. Ltd.		M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.		M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited			M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.			M/s STUP Consultants Pvt. Ltd, India			M/s TPF ENGINEERING PVT. LTD.		Remarks
			MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	MAB	MEC	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	
1	Availability of Material Testing Facilities with persons/resources having operational skills of the equipment	3	3			3			3	2.25	3	3	3			3			2.25			3	3	
1.1	Owned* (Available In House) - 3 marks																							
1.2	Outsourced (Hire basis/Through Associate) - 2.25 marks																							
2	Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment	2	2			2			2	2	2	1.5	2			2			1.5			2	2	
2.1	Owned (Available In House) - 2 marks																							
2.2	Outsourced (Hire basis/Through Associate) - 1.5 marks																							
3	Availability of Office Equipment and Software with persons/resources having operational skills of the equipment	3	3			3			3	3	3	3	3			3			3			3	3	
3.1	Owned (Available In House)- 3 marks																							
3.2	Outsourced (Hire basis/Through Associate)- 2.25 marks																							
4	Experience in LiDAR or better technology for topographic survey (Infrastructure sector)	5	5			5			5	5	5	5	5			3			5			5	5	
4.1	1 project - 1 marks																							
4.2	2 projects - 2 marks																							
4.3	3 projects -3 marks																							
4.4	4 projects - 4 marks																							
4.5	≥ 5 projects -5 marks																							
5	Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector)	4	4			4			4	4	4	4	4			4			4			4	4	
5.1	1 project - 1 marks																							
5.2	2 projects - 2 marks																							
5.3	3 projects -3 marks																							
5.4	≥ 4 projects -																							
6	Experience in digitization of cadastral maps for land surveys	3	3			3			3	3	3	1	3			3			3			3	3	
6.1	Area upto 100 ha - 1 marks																							
6.2	Area between 100-500 ha - 2 marks																							
6.3	Area > 500 ha - 3 marks																							
	total	20	20	0		20	0		20	19.25	20	17.5	20	0		18	0		18.75	0		20	20	

Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar. (Total Length – 22 Km)																				
Tender No. 117/RO-PATNA/NHAI/2021-22																				
Evaluation Sheet -TEAM LEADER cum SENIOR BRIDGE ENGINEER																				
Sl. No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in assiation with M/s ERVP Engineering Private Limited		M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.		M/s Chaitanya Projects Consultancy Pvt. Ltd.		M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.		M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited			M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.		M/s STUP Consultants Pvt. Ltd., India		M/s TPF ENGINEERING PVT. LTD.		Remarks
			Name - Mr. Virendra Pal Singh		Name - Mr. Anjani Kumar Sinha		Name - Mr.Somenath Ghosh		Name - Mr. Rashid Najfi		Name -Mr. Anil Chansoria			Name-Mr. Jaya Kumar		Name-Mr. Amit Chakraborty		Name - Mr. Rajiv Patil		
			MAB	MEC	MAB	MEC	MAB	MEC	MAB	MEC	MAB	MEC	Cert.	MAB	MEC	MAB	MEC	MAB	MEC	
1	General Qualification	25																		
i	Degree in Civil Engineering or equivalent [AICTE Approved] - 20 marks		25	25	21	20	21	20	25	20	25	Disqualified due to Debarment Order of NHAI HQ Letter No. NHAI/JH/BH /AE/2016/E-office File No. 71303 Dated 08 June, 2021	20	20	25	20	20	20		
ii	Post Graduation in Structural Engineering, Degree/Diploma/Certificate in Construction Management - 5 marks																			
II	Relevant Experience & Adequacy for the Project	70																		
	Total Professional Experience	15	15	13	15	15	15	15	15	15	Disqualified due to Debarment Order of NHAI HQ Letter No. NHAI/JH/BH /AE/2016/E-office File No. 71303 Dated 08 June, 2021		15	15	15	15	15	15		
(a)	<15 years - 0 marks																			
	15-18 years - 11 marks																			
	>18-21 years -13 marks																			
	> 21 years -15 marks																			
(b)	Experience in Bridge Project - Experience in major Bridge Construction / Development Project	25	25	25	25	25	25	25	25	25	Disqualified due to Debarment Order of NHAI HQ Letter No. NHAI/JH/BH /AE/2016/E-office File No. 71303 Dated 08 June, 2021	25	25	25	25	25	25			
	< 5 years- 0 marks																			
	6-8 years - 19 marks																			
	>8-10 years -22 marks																			
	>10 years - 25 marks																			

Disqualified due to Debarment Order of NHAI HQ Letter No. NHAI/JH/BH/AE/2016/E-office File No. 71303 Dated 08 June, 2021

Sl. No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited		M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.		M/s Chaitanya Projects Consultancy Pvt. Ltd.		M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.		M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited		M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.		M/s STUP Consultants Pvt. Ltd., India		M/s TPF ENGINEERING PVT. LTD.		Remarks	
			Name - Mr. Virendra Pal Singh	Name - Mr. Anjani Kumar Sinha	Name - Mr.Somenath Ghosh	Name - Mr. Rashid Najfi	Name -Mr. Anil Chansoria	Name-Mr. Jaya Kumar	Name-Mr. Amit Chakraborty	Name - Mr. Rajiv Patil										
(c)	Experience in Similar Capacity	30										Disqualified due to Debarment Order of NHAI HQ Letter No. NHAI/JH/BH/AE/2016/E-office File No. 71303 Dated 08 June, 2021								
(i)	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).	20	20	0	20	0	20	17	20	17	20		20	0	17	0	20	20		
	< 80km - 0 marks																			
	80 km-150km -15 marks																			
	>150km-250km -17 marks																			
	> 250km - 20 marks																			
	In Feasibility of 2/4/6 laning 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	10	10	10	10	10	10	10	10	10	10		10	10	10	9	10	10	9	
	< 2 projects - 0 marks																			
	2 projects - 8marks																			
	3- 5 projects - 9 marks																			
	> 5 projects - 10 marks																			
3	Employment with Firm																			
	> 1 Year - 0 marks																			
	1 year - 3 marks																			
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5	0	0	0	0	5	0	4.5	0	3.5	5	0	5	0	5	0			
	Total	100	95	73	91	70	96	87	99.5	87	98.5	0		95	70	96	70	95	89	

Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar. (Total Length – 22 Km)																										
Tender No. 117/RO-PATNA/NHAI/2021-22																										
Evaluation Sheet - Bridge/ Structural Engineer																										
Sl. No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited			M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.			M/s Chaitanya Projects Consultancy Pvt. Ltd.			M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.			M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited			M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.			M/s STUP Consultants Pvt. Ltd., India			M/s TPF ENGINEERING PVT. LTD.		Remarks
			Name -Mr Ashok Basa			Name - Mrs. Mona Hezarjaribi			Name - Mr. Dipankar Bhawal			Name - Mr. Jagdish Prasad			Name-Mr. Pankaj G Rai			Name-Mr.Vishal Vinayak Tembhurne			Name-Mr. Sanjiv Mitra			Name-Mr. Suresh Raskar		
			MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	MAB	MEC	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	
1	General Qualification/Name/DOB		25	20		25		25	25	25	20	25		25			25			25			25	20		
i	Degree in Civil Engineering or equivalent[AICTE Approved]																									
ii	Post Graduation in Structural Engineering/ Bridge Engineering[AICTE Approved]																									
2	Relevant Experience & Adequacy for the Project		70																							
a	Total Professional Experience																									
	Total Professional Experience in handling Highway/Bridge projects		15	15		15		15	15	15	13	15		15			15			15			15	15		
	<8 years - 0 marks																									
	8-10 years -11 marks																									
	>10-15=12 years - 13 marks																									
	>12 years - 15 marks																									
b	Experience in Bridge Projects		25	25		25		25	25	25	19	25		25			25			25			25	25		
i	Experience in project preparation and design of bridge projects																									
	<5 years - 0 marks																									
	5-8 years - 19 marks																									
	>8-10 years- 22 marks																									
	>10 years - 25 marks																									
c	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)		30	30		30		30	30	30	27	30		30			30			30			30	24		
	<2 numbers - 0 marks																									
	2-4 numbers -24 marks																									
	5-6 numbers - 27 marks																									
	> 6 numbers -30 marks																									
3	Employment with the Firm		5	5		5		3	0	3.5	0	0		3			5			5			5	0		
	Less than 1 Year																									
	1 year																									
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks																									
	Total		100	95	0		100	0		98	95	98.5	79	95	0		98	0		100	0		100	84		

Annexure - 1 (F)

Annexure - 1 (Part A)																										
Consultancy Services for Preparation of Detailed Project Report of the work of 4/6 laning new bridge across river Ganga Connecting Matihani-Shambo Village in Begusarai District in the state of Bihar. (Total Length – 22 Km)																										
Tender No. 117/RO-PATNA/NHAI/2021-22																										
Evaluation Sheet - HIGHWAY cum PAVEMENT ENGINEER																										
S. No.	Description	Marks	M/s. ARKITECHNO Consultants (India) Pvt. Ltd. in association with M/s ERVP Engineering Private Limited			M/s Casta Engineers Pvt. Ltd. And in JV with Hexa Co.			M/s Chaitanya Projects Consultancy Pvt. Ltd.			M/s EGIS INDIA Consulting Engineers Pvt. Ltd. in JV/Consortium with Transtek Engineers & Services Pvt. Ltd.			M/s Lion Engineering Consultants Private Limited in association Synergy Engineers Group Private Limited			M/s RODIC CONSULTANTS PRIVATE LIMITED In Joint Venture with Monarch Surveyors & Engineering Consultants Pvt. Ltd.			M/s STUP Consultants Pvt. Ltd., India			M/s TPF ENGINEERING PVT. LTD.		Remarks
			Name-Mr. Rajesh Roy Choudhury			Name-Md. Tariq Siddiqui			Name-Mr. Pinaki Ranjan Biswas			Name-Mr. Gopal Mitra			Name-Mr. Shriram Sharma			Name-Mr.Rakesh Nayak			Name-Mr.Suddhashil Purkait			Name-Mr.Pradip D.Shinkar		
			MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC		MAB	MEC		MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	Cert.	MAB	MEC	
I	General Qualification																									
i	Degree in Civil Engineering or equivalent [AICTE Approved] - 20 marks	25	20			20			20	20		25	20		20			25			20			25	20	
ii	Post graduation in Highway Enggg/ Transportation Engineering[AICTE Approved] - 5 marks																									
II	Relevant Experience & Adequacy for the Project	70																								
a)	Total Professional Experience																									
	<Byears - 0 marks																									
	8-12 years -11 marks	15	15			15			15	15		15	15		15			15			15			15	15	
	>12-15 years - 13 marks																									
	>15 years- 15 marks																									
b)	Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways)	25	25			25			25	19		25	25	25	25			25			25			25	25	
	<6 years -0 mark																									
	6-10years - 19 mark																									
	>10-15 years - 22marks																									
	>15years- 25 marks																									
c)	Experience in Similar Capacity	30																								
i	In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80 km)																									
	<80km- 0 marks	20	20			20			20	20		20	20		20			20			20			20	20	
	80km-150km - 15 marks																									
	>150km-250km - 17 marks																									
	>250km - 20 marks																									
ii	In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/ Expressways) in Similar Capacity – Number of Projects																									
	2 projects - 8 marks	10	10			10			10	10		10	10		10			10			10			10	10	
	3- 5 projects - 9 marks																									
	> 5 projects -10 marks																									
III	Employment with Firm																									
	Less than 1 Year - 0 marks																									
	1 year - 3 marks	5	5			5			3	0		0	0	5				3			5			5	0	
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks																									
	Total	100	95.0	0.0		95.0	0.0		93.0	84.0		95.0	90.0	95.0	0.0			98.0	0.0		95.0	0.0		100.0	90.0	

Digitally signed by MANISH KUMAR
Date: 2021.06.19 15:23:04 IST
Location: eProcurement System for Central PSUs