

Evaluation of Technical Proposals

Project Name: Consultancy Services for Authority's Engineer for Supervision of

“(i) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Canal head (Km 0.800) to Ganesh Vihar (Km 6.000) of 5.2 Km length

(ii) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Ganesh Vihar (Km 6.000) to Hanuman chowk (Km 30.000) of 24 Km length in the state of Jammu and Kashmir to be executed on EPC basis.

(iii) Widening and Up-gradation to 2 lane with paved shoulder configuration and geometric improvement from km 0.000 to km 16.990 on Chenani – Sudhmahadev section of NH-244 in the state of Jammu and Kashmir to be executed on EPC basis

Summary of evaluation of Technical Proposals

S. No.	Description	Maximum Marks	M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates	M/s RODIC Consultants Pvt. Ltd.	M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.
			1	2	3
1	Relevant experience for assignments	25	21.75	24.25	25
2	Qualifications and competence of the key personnel	75	65.9	64.85	64.29
	Total marks	100	87.65	89.10	89.29
	Remarks		Eligible for opening of financial proposal	Eligible for opening of financial proposal	Eligible for opening of financial proposal

Project Name: Consultancy Services for Authority's Engineer for Supervision of

(i) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Canal head (Km 0.800) to Ganesh Vihar (Km 6.000) of 5.2 Km length

(ii) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Ganesh Vihar (Km 6.000) to Hanuman chowk (Km 30.000) of 24 Km length in the state of Jammu and Kashmir to be executed on EPC basis.

Evaluation for assessment of experience of the firms (Relevant experience of firm for assignment)

S. No.	Description	Maximum marks	M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates		M/s RODIC Consultants Pvt. Ltd.		M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.	
			Details	Marks	Details	Marks	Details	Marks
1	Year of establishment of the firm (in case of JV, year of establishment of lead member shall be considered).	2	1997	2	2000	2	1984	2
	Up to 5 years: 1.5 marks							
	More than 5 years: 2 marks							
2	Average Annual Turnover (last three years) from consultancy business < Rs 15.35 crore: 0 marks Rs 15.35 crore: 1.5 marks Add additional 0.25 (zero point two five) mark for every Turnover of Rs 7.67 Crore subject to maximum 0.5 marks.	2	58.690 Cr	2	84.26 Cr	2	292,360 Cr	2
3	Experience in construction supervision/Independent Engineer/Authority's Engineer in Highway projects of length equal to 40% of project length or more of similar category (2/4/6-laning*) for which RFP invited in last seven years 1 project: 12 marks Add 1 (one) mark extra for each completed project subject to maximum 4 marks.	16	(i) SI No 13: 19.5 km (ii) SI No 23: (86.25+23.85)*45%=49.545 km	13	(i) SI No 1: 99.05*40%=39.62 km (ii) SI No 2: 286.27*75%*40%= 85.88 km (iii) SI No 3: 158.55*75%*40%= 47.56 km (iv) SI No 11: 100.6*25%= 25.15 km (v) SI No 12: 100.2*25%= 25.05 km	16	(i) SI No 1: 112.62 km (ii) SI No 2: 94.2 km (iii) SI No 9: (123+121*75%)= 213.75 km (iv) SI No 12: 24 km (v) SI No 19: 20.5 km (vi) SI No 27: 55.4*70%= 38.78 km (vii) SI No 29: 154.41*75%= 115.80 km (viii) SI No 31: 50*75%= 37.5 km	16
4	Experience in DPR preparation/Feasibility Study cum Preliminary Design Report of Highway projects of length equal to 40% of project length or more of similar category (2/4/6-laning*) for which RFP invited in last seven years 1 project: 4 marks Add 0.25 (zero point two five) marks extra for each additional project subject to maximum 1 mark.	5	(i) SI No 5: 240.5*75%=180.375 km (ii) SI No 6: 213*75%*60%= 95.85 km (iii) SI No 7: 174*75%*60%= 78.3 km (iv) SI No 12: 330*75%*60%= 148.5 km	4.75	(i) SI No 1: 170*75%=127.5 km (ii) SI No 3: (185.1+75.88*75%)*40%=96.80 km	4.25	(i) SI No 5: 18.25 km (ii) SI No 6: 51 km (iii) SI No 11: 17.16 km (iv) SI No 16: 134.73*50%=67.365 km (v) SI No 26: 35*60%=21 km (vi) SI No 27: 42*50%= 21 km (vii) SI No 29: 67.2*45%= 30.24 km (viii) SI No 30: 84.3*45%= 37.935 km	5
	Total	25		21.75		24.25		25

Note 1: In case of JV the turnover and experience details of Lead and JV partners will be added for evaluation. Credentials of associate firm, except key personnel.

Note 2: Employer's certificate should be submitted substantiating the experience claimed by the firm

* Note 3: 2/4/6 lane as applicable for the project for which RFP is invited. For 2-lane projects experience of 4/6 lane also to be considered with a multiplication factor of 1.5. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. Experience of 2 lane will be considered for 4/6 laning projects with a multiplication factor of 0.75. For standalone bridge projects, experience in bridge work (either standalone project or as a part of road project) only be considered

Evaluation of Technical Proposal - Summary of Key Personnel

Consultancy Services for Authority's Engineer for Supervision of

“(i) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Canal head (Km 0.800) to Ganesh Vihar (Km 6.000) of 5.2 Km length

(ii) Up-gradation to 4-lane with Paved Shoulder of Jammu-Akhnoor road section of NH-144A from Ganesh Vihar (Km 6.000) to Hanuman chowk (Km 30.097) of 24.097 Km length in the state of Jammu and Kashmir to be executed on EPC basis.

(iii) Consultancy Services for Widening and Up-gradation to 2 lane with paved shoulder configuration and geometric improvement from km 0.000 to km 16.990 on Chenani – Sudhmahadev section of NH-244 in the state of Jammu and Kashmir to be executed on EPC basis”.

S. No.	Position	Total marks	1			2			3		
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Name	%	Marks	Name	%	Marks	Name	%	Marks
1	Team Leader cum Senior Highway Engineer	15	Krishan Lal Dogra*	89.78	13.467	Rajesh Soni	88.67	13.300	RAMAN PURI	89.66	13.449
2	Resident Engineer cum Road Safety Expert	10	S K Raghav	90.00	9.000	Umar Farooq	90.00	9.000	Shashi Bhushan Kumar Singh	69.86	6.986
3	Sr. Contract Specialist	8	Rajinder Kumar Sapru	90.00	7.200	Samiran Chanda	69.00	5.520	Mahesh Chander Bhagat	88.33	7.066
4	Senior Quantity Surveyor-I	3.5	Dinendra Pratap Singh	90.00	3.150	Shashi Shekhar Misra	90.00	3.150	Ashok Kumar Parvan	90.00	3.150
5	Senior Quantity Surveyor-II	3.5	Dinesh Kumar Singh	70.00	2.450	Komuravelli Venu	90.00	3.150	RAVINDER KUMAR GUPTA	90.00	3.150
6	Material Engineer-I	4	Naresh Kumar	82.00	3.280	Shahzad Khan	94.00	3.760	VIKAS GUPTA	94.00	3.760
7	Material Engineer-II	4	MOHAMMAD TAUSEEF	89.33	3.573	OM PRAKASH GUPTA	85.00	3.400	VISHAL KOUL	90.00	3.600
8	Bridge Design Specialist	7	kkdhar	90.00	6.300	Daljeet Singh Arora	89.00	6.230	Ashok Gupta	88.33	6.183
9	Highway Design Specialist	5	Ishwar Chandra	93.67	4.683	Mangat Ram Verma	81.66	4.083	Mohit Gandotra	90.00	4.500
10	Bridge/ Structural Engineer-I	5	Ashwani Kumar	83.54	4.177	Krishan Kumar	86.81	4.341	Ankush Gandotra	88.51	4.425
11	Bridge/ Structural Engineer-II	5	Satish Raj Chouhan	84.61	4.231	Tej Pratap Singh	89.62	4.481	Jagdish Kumar Gupta	88.18	4.409
12	Bridge/ Structural Engineer-III	5	Rajesh Kumar	87.84	4.392	Suryakant Singh	88.73	4.436	Neeraj Gupta	72.26	3.613
	Total	75			65.903			64.851			64.291

Team Leader cum Senior Highway Engineer											
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Krishan Lal Dogra*			Rajesh Soni			RAMAN PURI		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks(Max)	25			25			25		
	(i) Graduate in Civil Engineering from a recognized University	20			20			20			20
	(ii) Post Graduation in Construction Management/Highway Engineering	5			0			0			0
2	Essential Experience										
(a)	Total Professional Experience in handling Highway Projects.	15 years (Min)	33			22			31		
	Marks for "Total Professional Experience in handling Highway Projects "	15 marks(Max)	15			15			15		
	(i) Experience of 15 years	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) Experience of more than 15 years: 6.6% marks per year	20% (max)	18	17.982	3	7	6.993	3	16	15.984	3
(b)	Experience as Team Leader/Resident Engineer/ Highway Engineer /Project Manager or similar capacity in Construction / Construction Supervision in Highway Projects	5 years (Min)	14			17			8		
	Marks for "Experience as Team Leader/Resident Engineer/ Highway Engineer /Project Manager or similar capacity in Construction / Construction Supervision in Highway Projects"	15 marks (Max)	15			15			15		
	(i) Experience of 5 years	80%	80%	12	12	80%	12	12	80%	12	12

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Krishan Lal Dogra*			Rajesh Soni			RAMAN PURI		
	(ii) Experience of more than 5 years: 6.6% marks per year	20% (max)	9	8.991	3	12	11.99	3	3	2.997	2.997
(c)*	Should have handled as Team Leader/Resident Engineer/ Highway Engineer /Project Manager or similar capacity in Construction Supervision of Highway Projects.	2 Projects (Min)	9			6			5		
	Marks for "Should have handled as Team Leader/Resident Engineer/ Highway Engineer /I.E. /Project Manager or similar capacity in Construction Supervision of Highway Projects (minimum 50 km with 4 lane or more/75 km of 2 lane)."	25 marks (Max)	25			25			25		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
	(i) Experience of 2 Projects	80%	80%	20	20	80%	20	20	80%	20	20
	(ii) Experience of more than 2 Projects: 6.6% marks per project	20% (max)	7	11.655	5	4	6.66	5	3	4.995	4.995
(d)*	Should have handled as Team Leader or similar capacity of at least one Projects of project preparation of major highway Project of 2/4 laning.	1 project (Minimum)	10			2			5		
	Marks for "Should have handled as Team Leader or similar capacity of project preparation of major highway Project (minimum 50 km with 4 lane or more/75 km of	10 marks (Maximum)	10			10			10		
	(i) Marks for threshold	80%	80%	8	8	80%	8	8	80%	8	8

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Krishan Lal Dogra*			Rajesh Soni			RAMAN PURI		
	(ii) % increase of marks for every increase in no. Of Projects.	6.66% and 20%(max)	9	5.994	2	1	0.666	0.666	4	2.664	2
(e)*	Experience in Supervision of Highway Construction with Rigid pavement of minimum 50 km of 4/6 lane or 2 Lane equivalent)	1 Project (Desired Minimum)	0			5			3		
	Marks for "Experience in Supervision of Highway Construction with Rigid pavement of minimum 50 km of 4/6 lane or more/75 km of 2 Lane or more"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	100%	80%	0	0	80%	4	4	80%	4	4
	Experience in Supervision of Highway Construction with Rigid pavement of minimum	1 Project	-1	0	0	4	1.332	1	2	0.666	0.666
3	Employment with the Firm	1 year (Min)	3.35			0			0		
	Marks for "Employment with the Firm"	5 marks (Max)	5			5			5		
	(i) 1 year	80%	80%	4	4	80%	0	0	80%	0	0
	(ii) 6.66 % increase of marks for every increase in no. of years of employment with firm over 1 year	20% (max)	2.35	0.7826	0.78255	-1	0	0	-1	0	0
	Total Score	100			89.78255			88.666			89.658

Resident Engineer cum Road Safety Expert											
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			S K Raghav			Umar Farooq			Shashi Bhushan Kumar Singh		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Maximum)	25			25			25		
(i)	Graduate in Civil Engineering	20			20			20			20
(ii)	Post Graduate Degree in Transport /Pavement Engineering	5			0			0			0
2	Essential Experience										
(a)	Total Professional Experience in Supervision of Highway projects	12 years (Minimum)	26			35			20		
	Marks for "Total Professional Experience in Supervision of Highway projects"	15 marks (Maximum)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	14	13.986	3	23	22.977	3	8	7.992	3
(b)	Experience as Resident Engineer/Assistant Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on similar	8 years (Minimum)	12			15			4		

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			S K Raghav			Umar Farooq			Shashi Bhushan Kumar Singh		
	Marks for "Experience as Resident Engineer/Assistant Resident Engineer/Project Director/Project Manager/Supervising Engineer or equivalent/Executive	25 marks (Maximum)	25			25			25		
	(i) Marks for threshold	-80%	80%	20	20	80%	20	20	80%	0	0
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	4	6.66	5	7	11.655	5	-4	0	0
(c)	No. of Projects of 2/4/6 Laning of 20-25 km each should have handled	2 Projects (Minimum)	9			14			11		
	Marks for "No. of Projects of 2/4/6 Laning of 20-25 km each should have handled"	25 marks (Maximum)	25			25			25		
	(i) Marks for threshold	80%	80%	20	20	80%	20	20	80%	20	20
	(ii) % increase of marks for every increase in no. of Projects	6.66% and 20%(max)	7	11.655	5	12	19.98	5	9	14.985	5
3	Desirable Experience										
	Experience of Construction Supervision on Highway Project of Minimum 25 km length of 4-Lane/6-Lane or equivalent 2-Lane	1 Project (Minimum)	9			13			7		

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			S K Raghav			Umar Farooq			Shashi Bhushan Kumar Singh		
	Marks for "Experience of Construction Supervision on Highway Project of Minimum 25 km length of 4-Lane/6-Lane or equivalent 2-Lane"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4	4
	(ii) % increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	8	2.664	1	12	3.996	1	6	1.998	1
4	Employment with the Firm	1 year (Minimum)	0			0			3.58		
	Marks for "Employment with the Firm"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	4	4
	(ii) % increase of marks for every increase in no. of years of employment with firm	6.66% and 20%(max)	-1	0	0	-1	0	0	2.58	0.85914	0.85914
	Total Score	100			90			90			69.85914

Sr. Contract Specialist											
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Rajinder Kumar Sapru			Samiran Chanda			Mahesh Chander Bhagat		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Maximum)	25			25			25		
(i)	Graduate in Civil Engineering	20			20			20			20
(ii)	Post Graduate Degree in Law/PG in management/certificate course in management/ certificate course in construction management/certificate course in contract management	5			0			5			0
2	Essential Experience										
(a)	Total Professional Experience of Contract Management.	15 years (Minimum)	24			12			29		
	Marks for "Total Professional Experience of Contract Management "	20 marks (Maximum)	20			20			20		
	(i) Marks for threshold	80%	80%	16	16	80%	0	0	80%	16	16
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	9	11.988	4	-3	0	0	14	18.648	4
(b)	Experience as Contract Specialist on any National/State Highway project.	4 years (Minimum)	8			5			12		
	Marks for "Experience as Contract Specialist on any National/State Highway project"	20 marks (Maximum)	20			20			20		
	(i) Marks for threshold	80%	80%	16	16	80%	16	16	80%	16	16
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	4	5.328	4	1	1.332	1.332	8	10.656	4

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Rajinder Kumar Sapru			Samiran Chanda			Mahesh Chander Bhagat		
(c)	Contract Management of a large Highway contract say over Rs.150 crore including experience of handling variation orders, claims of the contractor and there appropriate disposal	1 Projects (Minimum)	9			2			3		
	Marks for "Contract Management of a large Highway contract say over Rs.150 crore including experience of handling variation orders, claims of the contractor and there appropriate disposal"	25 marks (Maximum)	25			25			25		
	(i) Marks for threshold	80%	80%	20	20	80%	20	20	80%	20	20
	(ii) % increase of marks for every increase in no. of Projects	6.66% and 20%(max)	8	13.32	5	1	1.665	1.665	2	3.33	3.33
(d)	Experience of Handling Arbitration cases in respect of any Highway project of minimum 25 Km length of 4-lane/6-lane or equivalent 2 Lane	1 Project (minimum)	10			4			10		
	Marks for "Experience of Handling Arbitration cases in respect of any Highway project of minimum 25 Km length of 4-lane/6-lane or equivalent 2 Lane"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4	4
	(ii) % increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	9	2.997	1	3	0.999	0.999	9	2.997	1
3	Employment with the Firm	1 year (Minimum)	0			0			0		
	Marks for "Employment with the Firm"	5 marks (Maximum)	5			5			5		

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			Rajinder Kumar Sapru			Samiran Chanda			Mahesh Chander Bhagat		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	0	0
	(ii) % increase of marks for every increase in no. of years of employment with firm	6.66% and 20%(max)	-1	0	0	-1	0	0	-1	0	0
	Total Score	100			90			68.996			88.33

Senior Quantity Surveyor																				
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates						M/s RODIC Consultants Pvt. Ltd.						M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory					
			Dinendra Pratap Singh			Dinesh Kumar Singh			Shashi Shekhar Misra			Komuravelli Venu			Ashok Kumar Parvan			RAVINDER KUMAR GUPTA		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Maximum)	25			25			25			25			25			25		
(i)	Graduate in Civil Engineering	20			20			20			20			20			20			20
(ii)	Post Graduate Degree in Construction Management/Engineering/certificate course in management/ certificate course in construction management/certificate course in contract management	5			0			0			0			0			0			0
2	Essential Experience																			
(a)	Professional Experience in handling Highway Contracts	15 years (Minimum)	24			14			18			18			30			25		
	Marks for “Professional Experience in handling Highway Contracts”	20 marks (Maximum)	20			20			20			20			20			20		
	(i) Marks for threshold	80%	80%	16	16	80%	0	0	80%	16	16	80%	16	16	80%	16	16	80%	16	16
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20% (max)	9	11.988	4	-1	0	0	3	3.996	3.996	3	3.996	3.996	15	19.98	4	10	13.32	4
(b)	Experience as Quantity Surveyor in Highway project	10 years (Minimum)	19			14			18			17			13			15		
	Marks for “Experience as Quantity Surveyor in Highway project”	25 marks (Maximum)	25			25			25			25			25			25		
	(i) Marks for threshold	80%	80%	20	20	80%	20	20	80%	20	20	80%	20	20	80%	20	20	80%	20	20
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	9	14.985	5	4	6.66	5	8	13.32	5	7	11.655	5	3	4.995	4.995	5	8.325	5
(c)	Experience as Quantity Surveyor in atleast two projects in Construction Supervision of 2/4 Laning Highways	2 Projects (Minimum)	6			9			6			7			9			8		
	Marks for “Experience as Quantity Surveyor in atleast two projects in Construction Supervision of 2/4 Laning Highways”	25 marks (Maximum)	25			25			25			25			25			25		
	(i) Marks for threshold	80%	80%	20	20	80%	20	20	80%	20	20	80%	20	20	80%	20	20	80%	20	20
	(ii) % increase of marks for every increase in no. of Projects	6.66% and 20% (max)	4	6.66	5	7	11.655	5	4	6.66	5	5	8.325	5	7	11.655	5	6	9.99	5
3	Employment with the Firm	1 year (Minimum)	0			0			0			0			0			0		
	Marks for “Employment with the Firm”	5 marks (Maximum)	5			5			5			5			5			5		
	(i) Marks for threshold	-80%	80%	0	0	80%	0	0	80%	0	0	80%	0	0	80%	0	0	80%	0	0
	(ii) % increase of marks for every increase in no. of years of employment with firm	6.66% and 20% (max)	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0
	Total Score	100			90			70			89.996			89.996			89.995			90

Material Engineer																				
S. No.	Description	Yes/ No	M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates						M/s RODIC Consultants Pvt. Ltd.						M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting &					
	Name of Key Personnel		Naresh Kumar			MOHAMMAD TAUSEEF			Shahzad Khan			OM PRAKASH GUPTA			VIKAS GUPTA			VISHAL KOUL		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Max)	25			25			25			25			25			25		
(i)	Graduate in Civil Engineering from a recognized University	20			20			20			20			20			20			20
(ii)	Post Graduate Degree in Geo-Technical Engineering/ Soil Mechanics and Foundation Engineering	5			0			0			5			0			0			0
2	Essential Experience	65 marks (Max)																		
(a)	Professional Experience in construction of Highways / Roads / Airfield Runways	12 years (Min)	12			17			20			21			20			15		
	Marks for “Professional Experience in construction of Highways / Roads / Airfield Runways”	15 marks (Max)	15			15			15			15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12	80%	12	12	80%	12	12	80%	12	12
	(ii) 6.66% increase of marks for every increase in no. of years of experience	20%(max)	0	0	0	5	4.995	3	8	7.992	3	9	8.991	3	8	7.992	3	3	2.997	3
(b)	Experience in similar capacity in Construction / Construction Supervision of Highway projects	5 years (Min)	12			15			20			21			13			15		
	Marks for “Experience in similar capacity in Construction / Construction Supervision of Highway projects”	20 marks (Max)	20			20			20			20			20			20		
	(i) Marks for threshold	80%	80%	16	16	80%	16	16	80%	16	16	80%	16	16	80%	16	16	80%	16	16
	(ii) 6.66% increase of marks for every increase in no. of years of experience	% and 20%(max)	7	9.324	4	10	13.32	4	15	19.98	4	16	21.312	4	8	10.656	4	10	13.32	4

S. No.	Description	Yes/ No	M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates						M/s RODIC Consultants Pvt. Ltd.						M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting &					
	Name of Key Personnel		Naresh Kumar			MOHAMMAD TAUSEEF			Shahzad Khan			OM PRAKASH GUPTA			VIKAS GUPTA			VISHAL KOUL		
	(i) Marks for threshold	80%	80%	0	0	80%	4	4	80%	4	4	80%	0	0	80%	4	4	80%	0	0
	(ii) 6.66% increase of marks for every increase in no. of Projects.	% and 20%(max)	-1	0	0	1	0.333	0.333	0	0	0	-1	0	0	0	0	0	-1	0	0
4	Employment with the Firm	1 years (Min)	0			0			0			0			5.66			6.83		
	Marks for "Employment with the Firm"	5 marks (Max)	5			5			5			5			5			5		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	0	0	80%	0	0	80%	4	4	80%	4	4
	(ii) % 6.66increase of marks for every increase in no. of years of employment with firm	20%(max)	-1	0	0	-1	0	0	-1	0	0	-1	0	0	4.66	1.5518	1	5.83	1.94139	1
	Total Score	100			82			89.33			94.00			85.00			94.00			90.00

Bridge Design Specialist											
			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			kkdhar			Daljeet Singh Arora			Ashok Gupta		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Max)	25			25			25		
(i)	B.E/B.Tech /A.M.I.E /B.Sc in Civil Engineering from a recognized University	20			20			20			20
(ii)	Post Graduate Degree in Structural Engineering	5			0			0			5
2	Essential Experience										
(a)	Total Professional Experience in designing of bridge structures for highway. -	15 years (Min)	22			39			17		
	Marks for "Total Professional Experience designing of bridge structures"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	-80%	80%	12	12	80%	12	12	80%	12	12
	(ii) 6.66% increase of marks for every increase in no. of years of experience	20%(max)	7	6.993	3	24	23.976	3	2	1.998	2
(b)	Experience in Design/Design of bridge / interchange / any other structures	10 years (Min)	31			39			25		
	Marks for "Experience in Design/Design of bridge / interchange / any other structures"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	-80%	80%	12	12	80%	12	12	80%	12	12
	(ii) 6.66% increase of marks for every increase in no. of years of experience	20%(max)	21	20.979	3	29	28.971	3	15	14.985	3
(c)	Design experience of major highway bridge of length 200 m or more (excluding approaches).	2 Project (Min)	8			20			5		
	Marks for "Design experience of major highway bridge of length 200 m or more (excluding approaches)"	20 marks (Max)	20			20			20		

			M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.		
			kkdhar			Daljeet Singh Arora			Ashok Gupta		
	(i) Marks for threshold	-80%	80%	16	16	80%	16	16	80%	16	16
	(ii) 6.66% increase of marks for every increase in no. of Projects	20%(max)	6	7.992	4	18	23.976	4	3	3.996	3.996
(d)	Experience of designing of at least 4 major Highway Bridges of similar configuration.	2 Project (min)	7			15			5		
	Marks for "Experience of designing of at least 4 major Highway Bridges of similar configuration"	10 marks (Max)	10			10			10		
	(i) Marks for threshold	-80%	80%	8	8	80%	8	8	80%	8	8
	(ii) 6.66% increase of marks for every increase in no. of Projects.	20%(max)	5	3.33	2	13	8.658	2	3	1.998	1.998
(e)	Experience in similar capacity in innovative and specialised major Bridge Design (Pre-cast Segmental, Cantilever Construction, Cable Stayed Bridge, Suspension bridges etc.)	1 Project (min)	5			17			2		
	Marks for "Experience in similar capacity in innovative and specialised major Bridge Design (Pre-cast Segmental, Cantilever Construction, Cable Stayed Bridge, Suspension bridges, Extra- closed etc.)"	5 marks (Max)	5			5			5		
	(i) Marks for threshold	-80%	80%	4	4	80%	4	4	80%	4	4
	(ii) 6.66% increase of marks for every increase in no. of Projects.	20%(max)	4	1.332	1	16	5.328	1	1	0.333	0.333
3	Desirable Experience										
	Experience as a Bridge Design Specialist abroad	1 Project (mini)	0			1			0		
	Marks for "Experience as a Bridge Design Specialist abroad"	5 marks (Max)	5			5			5		
	(i) Marks for threshold	-80%	80%	0	0	80%	4	4	80%	0	0
	(ii) 6.66% increase of marks for every increase in no. of Projects.	20%(max)	-1	0	0	0	0	0	-1	0	0
4	Employment with the Firm	1 years (Min)	4.07			0.7			0		
	Marks for "Employment with the Firm"	5 marks (Max)	5			5			5		
	(i) Marks for threshold	-80%	80%	4	4	80%	0	0	80%	0	0

[illegible]

Highway Design Specialist											
			M/s YONGMA ENGINEERING CO.LTD in association with			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in		
			Ishwar Chandra			Mangat Ram Verma			Mohit Gandotra		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Max)	25			25			25		
(i)	B.E/B.Tech /A.M.I.E /B.Sc in Civil Engineering from a recognized University	20			20			20			20
(ii)	Post Graduate Degree in Highway Engineering/Pavement engineering	5			5			0			0
2	Essential Experience										
(a)	Total Professional Experience in highway works.	15 years (Min)	19			22			22		
	Marks for "highway works"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) 6.66% increase of marks for every increase in no. of years of experience	20%(max)	4	3.996	3	7	6.993	3	7	6.993	3
(b)	Experience of at least 5 years (out of total 15 years) in Highway Designing works.	5 years (Min)	10			6			11		
	Marks for "Experience of at least 5 years (out of total 15 years) in Highway Designing works."	20 marks (Max)	20			20			20		
	(i) Marks for threshold	80%	80%	16	16	80%	16	16	80%	16	16
	(ii) 6.66% increase of marks for every increase in no. of years of experience	20%(max)	5	6.66	4	1	1.332	1.332	6	7.992	4
(c)	Experience as Highway/ pavement Design Engineer at least 2 Projects of similar configuration.	2 Project (Min)	6			10			7		
	Marks for "Experience as Highway/ pavement Design Engineer at least 2 Projects of similar configuration."	20 marks (Max)	20			20			20		

			M/s YONGMA ENGINEERING CO.LTD in association with			M/s RODIC Consultants Pvt. Ltd.			M/s TPF GETINSA EUROESTUDIOS S.L. in		
			Ishwar Chandra			Mangat Ram Verma			Mohit Gandotra		
	(i) Marks for threshold	80%	80%	16	16	80%	16	16	80%	16	16
	(ii) 6.66% increase of marks for every increase in no. of Projects	20%(max)	4	5.328	4	8	10.656	4	5	6.66	4
(d)	Experience in use of Computer Software Programmes for Design of Highways	2 Project (min)	3			4			10		
	Marks for “use of Computer Software Programmes for Design of Highways”	10 marks (Max)	10			10			10		
	(i) Marks for threshold	-80%	80%	8	8	80%	8	8	80%	8	8
	(ii) 6.66% increase of marks for every increase in no. of Projects.	20%(max)	1	0.666	0.666	2	1.332	1.332	8	5.328	2
(e)	Experience in innovative / non traditional technology and design	1 Project (min)	0			0			0		
	Marks for “innovative / non traditional technology and design”	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	0	0
	(ii) 6.66% increase of marks for every increase in no. of Projects.	20%(max)	-1	0	0	-1	0	0	-1	0	0
3	Employment with the Firm	1 years (Min)	4.38			0.00			7.75		
	Marks for “Employment with the Firm”	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	0	0	80%	4	4
	(ii) 6.66% increase of marks for every increase in no. of years of employment with firm	20%(max)	3.38	1.13	1.00	-1.00	0.00	0.00	6.75	2.25	1
	Total Score	100			93.666			81.664			90

Bridge/ Structural Engineer											
M/s YONGMA ENGINEERING CO.LTD in association with Mangalam Associates											
			Ashwani Kumar			Satish Raj Chouhan			Rajesh Kumar		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Max)	25			25			25		
(i)	B.E/B.Tech/ A.M.I.E/ B.Sc in Civil Engineering from a recognized University	20			20			20			20
(ii)	Post Graduate Degree in Structural Engineering	5			0			0			0
2	Essential Experience	70 marks (Max)		58.998			59.997			58.665	
(a)	Total Professional Experience in handling Highway Bridge projects	15 years (Min)	22			24			23		
	Marks for "Total Professional Experience in handling Highway Projects"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	7	6.993	3	9	8.991	3	8	7.992	3
(b)	Experience in Construction Construction Supervision of bridge interchange any other structures	10 years (Min)	22			19			23		
	Marks for "Experience in construction construction Supervision of bridge interchange any other structures"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	12	11.988	3	9	8.991	3	13	12.987	3
(c)	Experience in similar capacity in Supervision of Major Highway Bridges on Pile Well foundation	2 Project (Min)	4			6			7		
	Marks for "Experience in similar capacity in supervision of Major Highway Bridges on Pile Well foundation"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	2	1.998	1.998	4	3.996	3	5	4.995	3
(d)	Experience in supervision of Rehabilitation and repair of Major Bridges.	2 Project (min)	6			5			4		
	Marks for "Experience in supervision of Rehabilitation and repair of Major Bridges"	10 marks (Max)	10			10			10		
	(i) Marks for threshold	80%	80%	8	8	80%	8	8	80%	8	8
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	4	2.664	2	3	1.998	1.998	2	1.332	1.332
(e)	Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges.	1 Project (min)	14			4			2		
	Marks for "Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges."	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4	4
	(ii) increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	13	4.329	1	3	0.999	0.999	1	0.333	0.333
3	Desirable Experience										
	Experience as Bridge Engineer abroad	1 Project	0			0			3		
	Marks for "Experience as a Bridge Engineer abroad"	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	4	4
	(ii) increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	-1	0	0	-1	0	0	2	0.666	0.666
4	Employment with the firm	1 years (Minimum)	0			0			0		
	Marks for "Employment with the firm"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	80%	80%	0	0	80%	0	0	80%	0	0
	(ii) % increase for marks for every increase in no. Of years of employment with firm.	6.66% and 20% (max)	-1	0	0	-1	0	0	-1	0	0
	Total Score	95			83.536			84.612			87.844

Bridge/ Structural Engineer										
			M/s RODIC Consultants Pvt. Ltd.							
			Krishan Kumar		Tej Pratap Singh		Suryakant Singh			
			Calculations	Marks Scored	Calculations	Marks Scored	Calculations	Marks Scored		
1	General Qualification	25 marks (Max)	25		25		25			
(i)	B.E/B.Tech/AMIE/B.Sc in Civil Engineering from a recognized University	20		20		20				20
(ii)	Post Graduate Degree in Structural Engineering	5		0		0				0
2	Essential Experience	70 marks (Max)		58.326		60			59.666	
(a)	Total Professional Experience in handling Highway Bridge projects	15 years (Min)	17		22		27			
	Marks for "Total Professional Experience in handling Highway Projects"	15 marks (Max)	15		15		15			
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	2	1.998	1.998	7	6.993	3	12	11.988
(b)	Experience in Construction Construction Supervision of bridge interchange any other structures	10 years (Min)	16		22		27			
	Marks for "Experience in construction construction Supervision of bridge interchange any other structures"	15 marks (Max)	15		15		15			
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12
	(ii) increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	6	5.994	3	12	11.988	3	17	16.983
(c)	Experience in similar capacity in Supervision of Major Highway Bridges on Pile Well foundation	2 Project (Min)	5		6		6			
	Marks for "Experience in similar capacity in supervision of Major Highway Bridges on Pile Well foundation"	15 marks (Max)	15		15		15			
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	3	2.997	2.997	4	3.996	3	4	3.996
(d)	Experience in supervision of Rehabilitation and repair of Major Bridges.	2 Project (min)	4		7		7			
	Marks for "Experience in supervision of Rehabilitation and repair of Major Bridges"	10 marks (Max)	10		10		10			
	(i) Marks for threshold	80%	80%	8	8	80%	8	8	80%	8
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	2	1.332	1.332	5	3.33	2	5	3.33
(e)	Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges.	1 Project (min)	4		6		3			
	Marks for "Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges."	5 marks (Max)	5		5		5			
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4
	(ii) Increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	3	0.999	0.999	5	1.665	1	2	0.666
3	Desirable Experience									
	Experience as Bridge Engineer abroad	1 Project	1		0		0			
	Marks for "Experience as a Bridge Engineer abroad"	5 marks (Max)	5		5		5			
	(i) Marks for threshold	80%	80%	4	4	80%	0	0	80%	0
	(ii) Increase of marks for every increase in no. of Projects.	6.66% and 20%(max)	0	0	0	-1	0	0	-1	0
4	Employment with the firm	1 years (Minimum)	0		9.31		2.41			
	Marks for "Employment with the firm"	5 marks (Maximum)	5		5		5			
	(i) Marks for threshold	80%	80%	0	0	80%	4	4	80%	4
	(ii) % increase for marks for every increase in no. Of years of employment with firm.	6.66% and 20% (max)	-1	0	8.31	2.76723	1	1.41	0.46953	0.46953
	Total Score	95		86.813		89.615		88.72553		

Bridge/ Structural Engineer											
			M/s TPF GETINSA EUROESTUDIOS S.L. in association with Segmental Consulting & Infrastructure Advisory Pvt. Ltd.								
			Ankush Gandotra			Jagdish Kumar Gupta			Neeraj Gupta		
			Calculations		Marks Scored	Calculations		Marks Scored	Calculations		Marks Scored
1	General Qualification	25 marks (Max)	25			25			25		
(i)	B.E/B.Tech / AMIE / B.Sc in Civil Engineering from a recognized University	20			20			20			20
(ii)	Post Graduate Degree in Structural Engineering	5			0			0			0
2	Essential Experience	70 marks (Max)		55.82517			58.664			40.329	
(a)	Total Professional Experience in handling Highway Bridge projects	15 years (Min)	16.83			29			14		
	Marks for "Total Professional Experience in handling Highway Projects"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	0	0
	(ii) % increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	1.83	1.82817	1.82817	14	13.986	3	-1	0	0
(b)	Experience in Construction Construction Supervision of bridge interchange any other structures	10 years (Min)	16.83			29			13		
	Marks for "Experience in construction construction Supervision of bridge interchange any other structures"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) increase of marks for every increase in no. of years of experience	6.66% and 20%(max)	6.83	6.82317	3	19	18.981	3	3	2.997	2.997
(c)	Experience in similar capacity in Supervision of Major Highway Bridges on Pile Well foundation	2 Project (Min)	4			4			3		
	Marks for "Experience in similar capacity in supervision of Major Highway Bridges on Pile Well foundation"	15 marks (Max)	15			15			15		
	(i) Marks for threshold	80%	80%	12	12	80%	12	12	80%	12	12
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	2	1.998	1.998	2	1.998	1.998	1	0.999	0.999
(d)	Experience in supervision of Rehabilitation and repair of Major Bridges	2 Project (min)	2			6			2		
	Marks for "Experience in supervision of Rehabilitation and repair of Major Bridges"	10 marks (Max)	10			10			10		
	(i) Marks for threshold	80%	80%	8	8	80%	8	8	80%	8	8
	(ii) increase of marks for every increase in no. of Projects	6.66% and 20%(max)	0	0	0	4	2.664	2	0	0	0
(e)	Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges	1 Project (min)	4			3			2		
	Marks for "Familiar with modern methods of construction of bridges ROB flyover involving RCC pre-stress concrete, design standards, technical specifications and statistical Quality Control Assurance procedures for construction of different component of bridges."	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4	4
	(ii) Increase of marks for every increase in no. of Projects	6.66% and 20%(max)	3	0.999	0.999	2	0.666	0.666	1	0.333	0.333
3	Desirable Experience										
	Experience as Bridge Engineer abroad	1 Project	1			0			1		
	Marks for "Experience as a Bridge Engineer abroad"	5 marks (Max)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	0	0	80%	4	4
	(ii) Increase of marks for every increase in no. of Projects	6.66% and 20%(max)	0	0	0	-1	0	0	0	0	0
4	Employment with the firm										
	1 years (Minimum)	2.16				5.08			3.49		
	Marks for "Employment with the firm"	5 marks (Maximum)	5			5			5		
	(i) Marks for threshold	80%	80%	4	4	80%	4	4	80%	4	4
	(ii) % increase for marks for every increase in no. Of years of employment with firm.	6.66% and 20% (max)	1.16	0.38628	0.38628	4.08	1.35864	1	0.82917	0.82917	
	Total Score	95			88.50528			88.177			72.26017