

Minutes of meeting

Sub: Minutes of the second meeting of Evaluation Committee held at 11:00 am on 17.12.2020 for evaluation of Technical Proposals for **Consultancy Services for preparation of detailed project report for Construction of Elevated Corridor in Ranchi city from km 0.00 to km 3.260 of NH-75 including down ramp on NH-23 from km 0.100 to km 0.600 in the State of Jharkhand on EPC mode (Balance work).**

1. List of Participants:

- (i) Shri A.K. Sinha, PD-Ranchi
- (ii) Shri Prabhat Kumar, PD-Daltonganj
- (iii) Shri Amiyanshu, Manager (Tech), RO-Ranchi
- (iv) Shri M.K. Pani, JAO, RO-Ranchi

2. The Committee was apprised that Request for Proposal (RFP) for the above work was invited (on E-tender portal of NIC) on 23.10.2020 with the bid due date as 23-11-2020, through Infracon portal. By the schedule date and time, following 12 (Twelve) consultancy firms submitted their bids electronically on e-tendering portal, which were opened by the Evaluation Committee in its first meeting held on 24.11.2020:

S. No.	Name of Firm	Status of the Applicant Sole/JV/ Association
1	M/s CE Testing Company Pvt Ltd	Sole
2	M/s Casta Engineers Pvt Ltd in JV with Hexa Co.	JV
3	M/s CM Engineering & Consultants in association with Vega Associates and Anandjiwala Technical Consultancy	Association
4	M/s Real Strength Infrastructure in association with Dayanandaman Construction and Consultants Pvt Ltd	Association
5	M/s Construma Consultancy Pvt Ltd in JV with M/s Arkitechno Consultants India Pvt Ltd in association with M/s Sparsh Engineering Company Pvt Ltd	JV & Association
6	M/s Holtec Consulting Pvt Ltd	Sole
7	M/s Jhunjhunu Engineers Pvt Ltd. In association with KQC Global Consultants Pvt Ltd	Association
8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Infratech	Association

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S. No.	Name of Firm	Status of the Applicant Sole/JV/ Association
	Civil Soutions and Consultant Pvt Ltd	
9	M/s Manglam Associates Pvt Ltd in JV with M/s Oms Infra Consultants Pvt. Ltd.	JV
10	M/s Rodic Consultants Pvt Ltd in JV with Monarch Surveyors and Engineering Consultants Pvt Ltd	JV
11	M/s SMEC International Pvt. Ltd.	Sole
12	M/s TPF Engineering Pvt Ltd	Sole

3. The Bid Evaluation Committee in its meeting held on 17.12.2020 evaluated the technical proposals as per the criteria defined in the RFP and noted that:

First stage technical evaluation

3.1 All the bidders have submitted the document fee of Rs. 5,000/- and Power of Attorney.

3.2 All 12 bidders were found to be satisfying the minimum eligibility requirements and were considered for second stage technical evaluation.

Second stage technical evaluation

3.3 Based on Evaluation, the Committee found that the Technical Proposals of all the 12 (detailed evaluation enclosed) firms are eligible for opening of financial proposal with marks obtained by the firm as indicated below:

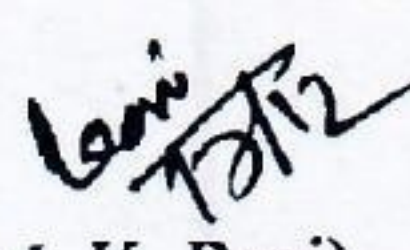
S. No.	Name of Firm	Status of the Applicant Sole/JV/ Association	Technical score (100)
1	M/s CE Testing Company Pvt Ltd	Sole	91.2
2	M/s Casta Engineers Pvt Ltd in JV with Hexa Co.	JV	97.75
3	M/s CM Engineering & Consultants in association with Vega Associates and Anandjiwala Technical Consultancy	Association	83.76
4	M/s Real Strength Infrastructure in association with Dayanandaman Construction and Consultants Pvt Ltd	Association	94.85
5	M/s Construma Consultancy Pvt Ltd in JV with M/s Arkitechno	JV & Association	90.3

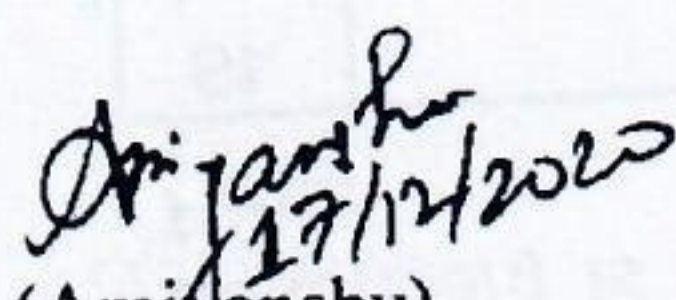
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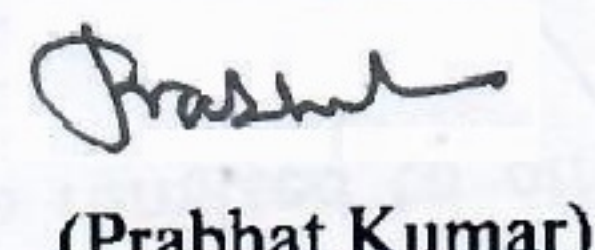
S. No.	Name of Firm	Status of the Applicant Sole/JV/ Association	Technical score (100)
	Consultants India Pvt Ltd in association with M/s Sparsh Engineering Company Pvt Ltd		
6	M/s Holtec Consulting Pvt Ltd	Sole	95.16
7	M/s Jhunjhunu Engineers Pvt Ltd. In association with KQC Global Consultants Pvt Ltd	Association	93.75
8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Infratech Civil Souldtions and Consultant Pvt Ltd	Association	96.12
9	M/s Manglam Associates Pvt Ltd in JV with M/s Oms Infra Consultants Pvt. Ltd.	JV	94.05
10	M/s Rodic Consultants Pvt Ltd in JV with Monarch Surveyors and Engineering Consultants Pvt Ltd	JV	96.19
11	M/s SMEC International Pvt. Ltd.	Sole	92.66
12	M/s TPF Engineering Pvt Ltd	Sole	97.64

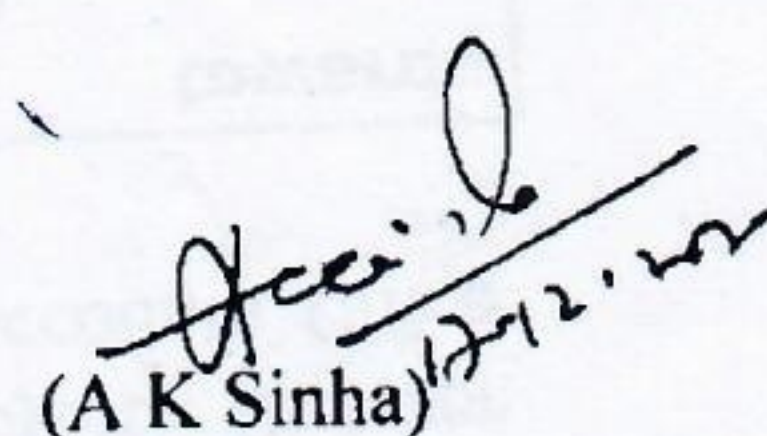
3.4 As per the provisions of Clause 12.3 (Data Sheet) of RFP, the Committee recommended to declare the result of technical evaluation on the website/e-mail giving opportunity to the bidders to respond within 7 days in case they have any objection.

4. The meeting ended with a Vote of Thanks to the Chair.


(M. K. Pani)
JAO


(Ami Janshu)
Manager (Tech)


(Prabhat Kumar)
PD-Daltonganj


(A K Sinha)
PD-Ranchi

NATIONAL HIGHWAYS AUTHORITY OF INDIA

RO-Ranchi

Consultancy Services for preparation of detailed project report for Construction of Elevated Corridor in Ranchi city from km 0.00 to km 3.260 of NH-75 including down ramp on NH-23 from km 0.100 to km 0.600 in the State of Jharkhand on EPC mode

description	max marks	C E testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength associatio n dayanand aman	In malviya association Infratech	rodic	tpf engg	casta jv hexa co	jhunjhunu
relevent experience in last 7 years	40	37.5	40	40	37	39	39	37	40	40	39.5	40	38
material testing survey etc	20	18	18	14.5	12.5	15	17	20	20	17.75	19.25	19.25	18
qualification and revent experience of personnel	40	35.7	37.16	38.16	34.26	36.3	38.05	37.85	36.12	38.44	38.89	38.5	37.75
SUM	100	91.2	95.16	92.66	83.76	90.3	94.05	94.85	96.12	96.19	97.64	97.75	93.75

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Relevant experience in last 7 years detailed													
description	total marks	C E testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength associatio n dayanand aman	in malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
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	8	8	8	8	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	7	7	7	7	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	5	5	5	5	5	5	5	5	5	5	5	4
Specific experience of firms in terms of turnover 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	5	4	4	4	4	5	5	4.5	5	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.													
4.1 DPR of number of special bridges/ tunnels (applicable) 1 project 1 2 projects 2 3 projects 3 4 projects 4 ≥ 5 projects 5	5	5	5	5	5	5	5	5	5	5	5	5	5

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4.2 Aggregate length of DPR/ Feasibility study for expressways(N/A)	0	0	0	0	0	0	0	0	0	0	0	0	0
Highway Professionals * working with the firm	<10												
nos. 0													
10-20 nos. 8	10	8	10	10	8	10	10	8	10	10	10	10	10
20-30 nos. 9													
>30 nos. 10													
Sum	40	37.5	40	40	37	39	39	37	40	40	39.5	40	38

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Material testing, survey and investigation, equipment and software proposed to be used (20)													
description	max marks	C E testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength assodatio n dayanand aman	in malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
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	2.25	2.25	2.25	3	3	3	3	3	3	2.25	2.25	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	1.5	1.5	2	1.5	2	2	2	2	1.5	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	2.25	2.25	2.25	3	3	3	3	3	2.25	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	5	5	1	2	3	5	5	4	5	5	5
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	0	1	2	3	4	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	3	3	3	3	3	3	3	3	3	3	3	3
sum	20	18	18	14.5	12.5	15	17	20	20	17.75	19.25	19.25	18

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Qualification and relevant experience of the proposed key personnel														
description		max marks	C E testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength associatio n dayanand aman	In malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
Team Leader cum Senior Bridge Engineer		12	9.6	10.56	11.34	11.4	9.6	11.4	11.16	11.16	11.28	11.22	11.4	10.8
Highway cum Pavement Engineer		10	9.2	9.5	9.5	9.5	9.5	9.5	9	9	9.8	9.85	9.5	9.85
Bridge Structural Engineer		10	8.9	9.5	9.8	6	10	9.95	9.85	9	9.8	9.9	10	9.5
Material cum Geotechnical Engineer -Geologist		8	8	7.6	7.52	7.36	7.2	7.2	7.84	6.96	7.56	7.92	7.6	7.6
sum		40	35.7	37.16	38.16	34.26	36.3	38.05	37.85	36.12	38.44	38.89	38.5	37.75

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Team Leader cum Senior Bridge Engineer (12)														
General Qualification		max marks	C E testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength associatio n dayanand aman	ln malviya associatio n lnfratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
Degree in Civil Engineering or equivalent [AICTE Approved]		20	20	20	20	20	20	20	20	20	20	20	20	20
Post Graduation in Structural Engineering, Degree/Diploma/Certificate in Construction Management		5	5	0	0	5	5	0	0	0	0	0	5	0
Relevant experience and adequacy for the project														
Total professional experience														
<15 years 0														
15-18 years 11		15	15	13	15	13	15	15	15	15	15	15	15	15
>18-21 years 13														
> 21 years 15														
Experience in Highway/Bridge/Tunnel Projects														
< 5 years 0														
6-8 years 19		25	25	25	25	25	25	25	25	25	25	25	25	25
>8-10 years 22														
>10 years 25														
Experience in Similar Capacity														
As Team Leader/Project Manager or similar capacity of at leastTwo 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		20	0	20	20	17	0	20	20	20	20	20	20	20
80 km-150km 15														
>150km-250km 17														
> 250km 20														
In Feasibility of 2/4/6laning works or DPR/IC/Construction Supervision ofmajor highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity- Number of Projects														
< 2 projects 0		10	10	10	10	10	10	10	10	10	10	10	10	10
2 projects 8														
3- 5 projects 9														
> 5 projects 10														
Employment with the Firm														
Less than 1 Year		0	0	0	0	0	0	0	0	0	0	0	0	0
1 year		3	3	0	3	3	3	3	3	3	3	3	0	0
Add 0.5 marks for each subsequent year subject to maximum of 2 marks		2	2	0	1.5	2	2	2	0	0	1	0.5	0	0
SUM		100	80	88	94.5	95	80	95	93	93	94	93.5	95	90
total marks		12	9.6	10.56	11.34	11.4	9.6	11.4	11.16	11.16	11.28	11.22	11.4	10.8

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Highway cum Pavement Engineer (10)														
description		max marks	C E testing	holtech	smec	cm' engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms Infra	real strength associatio n dayanand aman	In malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
General Qualification														
Degree in Civil Engineering or equivalent [AICTE Approved]		20	20	20	20	20	20	20	20	20	20	20	20	20
Post graduation in Highway Engg/ Transportation Engineering[AICTE Approved]		5	0	0	0	5	0	0	0	0	5	5	0	5
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	15	15	15	15	15	15	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	22	25	25	25	25	25	25	25	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	20	20	20	20	20	20	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	10	10	10	10	10	10	10	10	10	10

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Employment with Firm														
Less than 1 Year		0	0	0	0	0	0	0	0	0	0	0	0	0
1 year		3	3	3	3	0	3	3	0	0	3	3	3	3
Add 0.5 marks for each subsequent year subject to maximum of 2 marks		2	2	2	2	0	2	2	0	0	0	0.5	2	0.5
SUM		100	92	95	95	95	95	95	90	90	98	98.5	95	98.5
total marks		10	9.2	9.5	9.5	9.5	9.5	9.5	9	9	9.8	9.85	9.5	9.85

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Bridge Structural Engineer (10)														
description		max marks	CE testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms infra	real strength associatio n dayanand aman	ln malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
General Qualification														
Degree in Civil Engineering or equivalent(AICTE Approved)		20	20	20	20	20	20	20	20	20	20	20	20	20
Post Graduation in Structural Engineering/ Bridge Engineering(AICTE Approved)		5	0	0	5	0	5	5	5	0	5	5	5	0
Relevant Experience & Adequacy for the Project														
Total Professional Experience <8 years 0														
8-10 years 11														
>10-15=12 years 13		15	15	15	15	15	15	15	15	15	15	15	15	15
>12 years 15														
Experience in Bridge Projects														
Experience in project preparation and design of bridge projects														
<5 years 0														
5-8 years 19		25	25	25	25	25	25	25	25	25	25	25	25	25
>8-10 years 22														
>10 years 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		30	24	30	30	0	30	30	30	30	30	30	30	30
2-4 numbers 24														
5-6 numbers 27														
> 6 numbers 30														
Employment with Firm														
Less than 1 Year		0	0	0	0	0	0	0	0	0	0	0	0	0
1 year		3	3	3	3	0	3	3	3	0	3	3	3	3
Add 0.5 marks for each subsequent year subject to maximum of 2 marks		2	2	2	0	0	2	1.5	0.5	0	0	1	2	2
SUM		100	89	95	98	60	100	99.5	98.5	90	98	99	100	95
total marks		10	8.9	9.5	9.8	6	10	99.95	9.85	9	9.8	9.9	10	9.5

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MATERIAL ENGINEER cum GEOTECHNICAL ENGINEER cum GEOLOGIST (8)													
DESCRIPTION	max marks	CE testing	holtech	smec	cm engg	construm a jv arkitechn o associatio n sparsh	mangala m jv oms Infra	real strength associatio n dayanand aman	In malviya associatio n infratech	rodic consulata nt jv monarch surveyors	tpf engg	casta jv hexa co	jhunjhunu associatio n kqc
General Qualification													
Degree in Civil Engineering /M. Sc. in Geology[AICTE Approved]	20	20	20	20	20	20	20	20	20	20	20	20	20
Post graduation in Foundation Engineering / Soil Mechanics / Geo Tech Engineering or Phd in Geology[AICTE Approved]	5	5	0	5	5	0	0	5	0	0	5	0	5
Relevant Experience & Adequacy for the Project													
Total Professional Experience													
<10 years 0													
10-12 years 11	15	15	15	13	15	15	15	15	15	15	15	15	15
>12-15 years 13													
>15 years 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	25	25	25	22	22	25	25	25	25	25	25	25	25
7-10 years 19													
>10 -12 years 22													
>12 years 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	30	30	30	30	30	30	30	30	27	30	30	30	30
80km-150km 24													
>150km – 250km 27													
>250km 30													
Employment with Firm													
Less than 1 Year	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	3	3	3	3	0	0	0	3	0	3	3	3	0
Add 0.5 marks for each subsequent year subject to maximum of 2 marks	2	2	2	1	0	0	0	0	0	1.5	1	2	0
SUM	100	100	95	94	92	90	90	98	87	94.5	99	95	95
total marks	8	8	7.6	7.52	7.36	7.2	7.2	7.84	6.96	7.56	7.92	7.6	7.6