

TECHNICAL EVALUATION REPORT

Sub: Independent Engineer services for Four laning of NH-363 from Repallewada (Design Km 42.000 /Existing Km 288.510) to Telangana/Maharashtra Border (Design Km 94.602/Existing Km 342.000) (Design Length = 52.602 Km) in the State of Telangana under NH (O) on Hybrid Annuity Mode - reg.

Tender ID: 2020_NHAI_52918_1

The Technical Proposals of all the firms who submitted their bids by bid due date i.e. 25.08.2020 for the subject Consultancy work have been evaluated and detailed evaluation sheets are enclosed.

2. Results of technical evaluation is being made available on the website giving an opportunity to all the bidders to respond within 07 days on or before 22.01.2021 (upto 1730 Hrs), in case they have any objection.

MINIMUM ELIGIBILITY CRITERIA

Independent Engineer services for Four Laning of NH-363 from Repallewada (Design Km 42.000 /Existing Km 288.510) to Telangana/Maharashtra Border (Design Km 94.602/Existing Km 342.000) (Design Length = 52.602 Km) in the State of Telangana under NH (O) on Hybrid Annuity Mode

S.No.	Firm	Preparation of DPR (NH/SH/Equivalent)	Experience of the firm in last 7 years	Project Supervision/IC (NH/SH/Equivalent)	Annual Turnover	Eligible/ Not Eligible
		The firm should have minimum experience of preparation of detailed Project experience of Project Supervision/IC of at least last 5 years or in each of the preceding Report/Feasibility Study cum Preliminary of 2/4/6** lane project of aggregate one project of similar category of two years of the firm from consultancy Design Report of 2/4/6** lane project of length equal to 3 times or more of two/four/six** lane of length equal to or more than 2% of Bid Project Cost (BPC).	The firm should have minimum experience of Project Supervision/IC of at least last 5 years or in each of the preceding Report/Feasibility Study cum Preliminary of 2/4/6** lane project of aggregate one project of similar category of two years of the firm from consultancy Design Report of 2/4/6** lane project of length equal to 3 times or more of two/four/six** lane of length equal to or more than 2% of Bid Project Cost (BPC).	Firm should also have experience of Project Supervision/IC of at least last 5 years or in each of the preceding Report/Feasibility Study cum Preliminary of 2/4/6** lane project of aggregate one project of similar category of two years of the firm from consultancy Design Report of 2/4/6** lane project of length equal to 3 times or more of two/four/six** lane of length equal to or more than 2% of Bid Project Cost (BPC).	Annual turnover (updated average of last 5 years or in each of the preceding Report/Feasibility Study cum Preliminary of 2/4/6** lane project of aggregate one project of similar category of two years of the firm from consultancy Design Report of 2/4/6** lane project of length equal to 3 times or more of two/four/six** lane of length equal to or more than 2% of Bid Project Cost (BPC).	Eligible/ Not Eligible
1	M/s Dnyu Consultancy Services Limited in JV with Infinite Civil Solutions Private Limited	X	✓	✓	✓	Not-Eligible
2	M/s LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd	✓	✓	✓	✓	Eligible
3	M/s Anveer Associates Architects Engineers & Consultants Private Limited	✓	✓	✓	✓	Eligible
4	M/s SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited	✓	✓	✓	✓	Eligible
5	M/s Centro De Estudios De Materiales Y Control De Obra S.A. (CEMOSA) in JV with ARKITECHNO Consultants (India) Pvt. Ltd. in association with ARMENCE Engineering and Management Consultants Pvt.Ltd.	X	✓	✓	✓	Not-Eligible
6	M/s Theme Engineering Services Private Limited in JV with Costa Engineers Pvt.Ltd.	Not evaluated				
7	M/s Almondz Global Infra-Consultant Limited in JV with Ayoteeza Consultants Private Limited.	X	X	✓	✓	Not-Eligible
8	M/s L N Mahiya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant.	✓	✓	✓	✓	Eligible
9	M/s Chaitanya Projects Consultancy Pvt. Ltd. in association with JF Consultancy Services Private limited	✓	✓	✓	✓	Eligible
10	M/s MSV International Inc in association with Samarth Infraeengg Technocrats Pvt.Ltd.	✓	✓	✓	✓	Eligible
11	M/s Voyants Solution Private Limited in JV with Technocrats Advisory Services Private Limited.	X	✓	✓	✓	Not-Eligible

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Bhaskar

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TEAM LEADER CUM SENIOR HIGHWAY ENGINEER

Sr.	Description	Max. Points	Biya Kumar Sahu	Porandla Raghunandan	Sanjay Kumar	Bhogadi Ramarao	Surendra Patra	Shalish Kumar Sinha	Sanjay Tiwari	Ravi V	Channamallu Arjunudu	Pannagaraj MK
1	General Qualification	25	25-07-1960	12-08-1968	01-01-1963	25-05-1974	22-07-1964	01-09-1970	23-08-1965	09-05-1968	01-07-1974	18-05-1961
	i) Graduate in Civil Engineering	21	21	21	21	21	21	21	21	21	21	21
	ii) Post Graduation in Management/Construction/Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of Civil Engng	3	0	0	0	0	0	0	0	0	0	0
	iii) Degree/Diploma/Certificate in Project Management	1	0	0	1	0	0	0	0	0	0	0
2	Adequacy for the Project	70										
	a) Professional Experience in Highway Projects:											
	Total Professional Experience in handling Highway projects											
	< 12 years - 0											
i)	12 years - 0	10	10	10	10	10	10	10	10	10	10	10
	Add 1 marks extra for each additional year of experience subject to maximum 2 (two) marks.											
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/6 lanning") and above)											
ii)	< 5 years - 0	15	15	15	15	12	15	15	15	15	15	15
	5 years - 11											
	Add 1 marks extra for each additional year of experience subject to maximum 4 (four) marks.											
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 lanning") and above) on PPP	5	5	5	4	4	5	5	5	5	5	5
	1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks											
b)	< 2 projects - 0	15	13	13	0	13	13	13	0	0	13	15
	Add 2 mark for each additional project subject to maximum 4 marks.											
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/C involving length 40% of project length or more of similar configuration (2/4/6"" lanning) and above	20	20	20	20	18	20	20	20	20	20	20
	< 2 projects - 0											
	Add 2 marks extra for each additional project subject to maximum 4 (four) marks											
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 lanning") and above).	5	0	5	0	0	5	5	0	0	5	0
	1 project - 4 marks											
	Add 1 mark extra for each additional project subject to maximum 1 (one) marks											
	Employment with the Firm											
	< 1 year - 0											
3	1 year - 3	5	0	3.5	5	0	0	0	0	0	0	0
	Add 0.5 marks for each subsequent year subject to maximum 2 marks											
Total :		100	84	92.5	76	78	89	89	71	71	89	86

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FINAL RESULT (SUMMARY OF TECHNICAL EVALUATION)

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Independent Engineer services for Four laning of NH-363 from Repallewada (Design Km 42.000 /Existing Km 288.510) to Telangana/Maharashtra Border (Design Km 94.602/Existing Km 342.000) (Design Length = 52.602 Km) in the State of Telangana under NH (O) on Hybrid Annuity Mode						
S. No.	Details	Max. Marks	2	3	4	10
1	Firm Experience	40	40.00	40.00	40.00	38.00
2	Experience in use of technology	20	16.00	20.00	18.50	20.00
3	Team Leader cum Senior Highway Engineer	12	11.10	9.12	9.36	10.68
4	Resident Cum Highway Engineer	6	5.76	5.22	5.46	2.70
5	Bridge/Structural Engineer	6	5.46	5.16	5.28	5.34
6	Senior Pavement Specialist	6	5.46	4.12	5.46	5.07
7	Senior Quality cum Material Expert	6	5.46	5.94	5.46	5.40
8	Road Safety Expert	4	3.72	3.74	3.96	3.04
Total		100	92.96	93.30	93.48	90.23

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Assessment of Experience of the Firm					
Independent Engineer services for Four Lining of NH-363 from Repaliwada (Design Km 42.000/Existing Km 288.510) to Telangana/Manashtra Border (Design Km 94.602/Existing Km 342.000) (Design Length = 62.602 Km) in the State of Telangana under NH (O) on Hybrid Annuity Mode					
S.No.	Description	Maximum Marks	M/s LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd.		
			Marks	Marks	Marks
1	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business < 2% of TPC - 0 marks 2% of TPC - 1.5 marks Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks.	2	2	2	2
	Nos. of Highway Professionals with the firm * < 10 - 0 Marks 10-20 - 8 Marks >20 but <30 - 9 Marks >30 - 10 Marks				
2	*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.	10	10	10	10
3	Experience as Independent Engineer/Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length (40% of project length) or more in last 7 years. 1 project - 9 marks Add 1(one) mark extra for completed assignment of Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy, subject to maximum 3 (three) marks.	12	12	12	12
4	Experience in DPR-Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length (40% of project length) or more in last 7 years. 1 project - 4 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.	6	6	6	5
5	In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress) < 2 - 0 Marks 2-5 - 4 Marks >5 - 6 Marks	6	6	6	6
6	Experience in Construction Supervision/DPR-Design Review of Major structures having length of more than 500 metre in last 7 years. 1 project - 2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2.0 marks	4	4	4	3
Total		40	40	40	38

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Chandrasekhar

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Experience in use of Technology						
Independent Engineer services for Four Lining of NH-303 from Repallewada (Design Km 42.000 (Existing Km 288.510) to Telangana/Maharashtra Border (Design Km 94.602(Existing Km 342.000) (Design Length = 52.602 km) in the State of Telangana under NH (O) on Hybrid Annuity Mode						
S No.	Description	Maximum Marks	Marks		Marks	
			Ms LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd	Ms Aarave Associates Architects Engineers & Consultants Private Limited	Ms SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited	Ms MSV International Inc in association with Samarth Infracon Technology Pvt Ltd.
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection Equipment on MOU with Associate or on hiring basis - 1 Equipment - 2 1-2 projects - 1 3-5 projects - 2 > 5 projects - 3	5	4	5	5	5
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement Equipment on MOU with Associate or on hiring basis - 1 Equipment - 2 1-3 projects - 1 > 3 projects - 2	4	4	4	4	4
3	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection Equipment on MOU with Associate or on hiring basis - 1 Equipment - 2 1-3 projects - 1 > 3 projects - 2	4	3	4	3	4
4	Experience in Retro reflectometer technology Equipment on MOU with Associate or on hiring basis - 1 Own Equipment - 2 1-3 projects - 1 > 3 projects - 2	4	3	4	4	4
	Experience in Automatic Traffic Counter cum Classifier Equipment on MOU with Associate or on hiring basis - 1 Equipment - 2 1-3 projects - 0.5 > 3 projects - 1	3	2	3	2.5	3
Total		20	18	20	18.5	20

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Resident cum Highway Engineer

Sr. No.	Description	Max. Points	10-03-1979	04-06-1972	27-03-1957	23-05-1974
1	General Qualification	25				
	i) Graduate in Civil Engineering	21	21	21	21	21
	ii) Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering	4	0	4	0	4
2	Adequacy for the Project	70				
	Professional Experience					
	Total Professional Experience in handling Highway projects					
	< 10 years -0					
i)	10 years -16	20	20	20	20	20
	Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.					
	Experience as Resident Engineer/Project Director/Project					
	< 5 years -0					
ii)	5 years -16	20	20	18	20	0
	Add 1 marks extra for each additional year of experience subject to maximum 4 (four) marks.					
	Experience in similar capacity in handling major 2/4/6-similar configuration (2/4/6 laning*) and above)					
ii)	< 2 nos -0	25	25	19	25	0
	2 nos -19					
	Add three marks extra for each additional project subject to Experience in similar capacity of Highway Project of 2.5 marks for each project subject to maximum 5 (five) marks	5	5	0	5	0
iii)	Employment with the Firm					
	< 1 year -0					
3	1 year -3	5	5	5	0	0
	Add 0.5 marks for each subsequent year subject to					
Total:		100	96	87	91	45

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Bridge Structural Engineer						
Sr. No.	Description	Max. Points	Ms. LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd.	Ms. Azave Associates Architects Engineers & Consultants Private Limited	Ms. SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited	Ms. NSV International Inc in association with Samarth Infraengg Technocrats Pvt. Ltd.
1	General Qualification		Ravannah Sathu	Susub Khuntia	Amarendra Narayan	Pootha Narayana Rao
	i) Graduate in Civil Engineering	25	01-07-1980	12-08-1984	31-12-1971	04-05-1971
	ii) Post Graduation in Structural Engineering	21	21	21	21	21
2	Adequacy for the Project	4	0	0	0	0
	Total Professional Experience in handling Highway/Bridge projects	70				
	< 10 years -0					
i)	10 years -11					
	Add one mark extra for each additional 2 year subject to maximum 4(four) marks.	15	15	15	15	13
	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning *) and above)	20	20	20	20	20
ii)	< 5 years -0					
	5 years -16					
	Add 1 (one) mark extra for each additional completed year of experience subject to maximum 4 (four) marks.					
	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20	20	20	20	20
iii)	< 2 Bridges -0					
	02 Bridge -16					
	Add 2 mark extra for each additional bridge subject to maximum 4 marks					
	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges any other structures	10	10	0	7	10
iv)	< 2 -0					
	2 nos -07					
	3 or more -10					
v)	Experience in similar capacity of modern bridge construction technology viz. Precast Segmental, Balanced Cantilever Construction, Extradosed Bridge, Full Span Launching, Incremental Launching.	5	5	5	5	5
	Experience in 1 project -4					
	More than one project -5 marks					
	Employment with the Firm					
	< 1 year -0					
3	1 year -3	5	0	5	0	0
	Add 0.5 marks for each subsequent year subject to maximum 2 marks					
Total :		100	91	86	88	89

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Senior Pavement Specialist

Sr. No.	Description	Max. Points	Senior Pavement Specialist			
			M/s. LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd.	M/s. Arvive Associates Architects Engineers & Consultants Private Limited	M/s. SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited	M/s. MSV International Inc. in association with Sarathi Infraengg Technocrats Pvt. Ltd.
1	General Qualification i) Graduate in Civil Engineering ii) Post Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	25 21 4	Gill Yoda P 20-06-1973 21	V. Suresh Babu 18-01-1983 21	Dodipati Chennurashv 30-06-1981 21	Prasanth Govinda Rao 04-06-1975 21
2	Adequacy for the Project Professional Experience	70				
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	20	20
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2-lane/4-lane/6-lane or more of major Highway Projects (similar configuration (2-lane/4-lane/6-lane) and above) Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	18	20	18
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2-lane/4-lane/6-lane) and above) Add 2 marks extra for each additional project subject to maximum 4 marks.	20	20	0	20	18
iv)	Experience in similar capacity on major highway projects (of length 40% of project length or more of similar configuration (2-lane/4-lane/6-lane) and above) in construction/ traditional technology and design 1 Project -4 2 or more -5	5	5	4.67	5	5
v)	Experience in similar capacity on PPP Projects (of length 40% of project length or more of similar configuration (2-lane/4-lane/6-lane) and above) 2.5 marks for each project subject to maximum 5 (five) marks	5	5	0	5	2.5
3	Employment with the Firm 1 year -3 Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	5	0	0
Total :		100	91	68.67	91	84.5

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Prasanth

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Senior Quality cum Material Expert

Sr. No.	Description	Max. Points	Senior Quality cum Material Expert			
			M/s LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd.	M/s Arunee Associates Architects Engineers & Consultants Private Limited	M/s SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited	M/s IISV International Inc. in association with Samarth Infraengg Technocrats Pvt.Ltd.
1	General Qualification	25				
	i) Graduate in Civil Engineering	21	08-07-1989 21	15-10-1984 21	15-05-1982 21	16-07-1971 21
	ii) Post Graduation in Geotechnical Engineering/ Foundation Engineering/ Soil Mechanics/ Rock Mechanics	4	0	4	0	4
2	Adequacy for the Project	70				
	Professional Experience					
	Total Professional Experience in handling Highway/Bridge projects					
	< 10 years -0					
i)	10 years -11	15	15	15	15	15
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.					
	Experience in similar capacity in Construction/Construction Supervision of major Highway < 5 years -0					
ii)	5 years -19	25	25	25	25	25
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.					
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 lane) and above)					
iii)	< 2 nos -0	25	25	25	25	25
	2 nos -19					
	Add 3.0 marks extra for each additional project subject to maximum 6 (six) marks.					
iv)	Experience in similar capacity on major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 lane) and above) in innovative/traditional technology	5	5	5	5	0
	1 Project -4					
	2 or more -5					
	Employment with the Firm					
	< 1 year -0					
3	1 year -3	5	0	4	0	0
	Add 0.5 marks for each subsequent year subject to maximum 2 marks					
Total :		100	91	99	91	90

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Road Safety Expert

Sr.	Description	Max. Points				
			Mr. L&A Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd.	Mr. Aareon Associates Architects Engineers & Consultants Private Limited	Mr. SATRA Services and Solutions Private Limited in JV with Freshstart Infra Private Limited	Mr. MSY International Inc in association with Saanvi Inferring Technocrats Pvt Ltd.
5.	General Qualification	35				
	i) Graduate in Civil Engineering	21	31-01-1984	10-06-1975	26-10-1977	15-01-1989
	ii) Post Graduation in Traffic/Transportation/Safety Engineering or equivalent	4	0	0	4	21
	Adequacy for the Project	70				
	Professional Experience					
	Total Professional Experience in handling Highway/Bridge projects					
	i) 10 years - 2	15	13	15	15	15
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.					
	ii) 5 years - 0	15	14	15	15	11
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.					
	iii) Experience in similar capacity in Road Safety works on Major Highway Project similar configuration (2/4/6 Lanning) and above).					
	1 nos. - 2	20	20	20	20	20
	Add 2 marks extra for each additional year of experience subject to maximum 4 (four) marks.					
	iv) Experience in similar capacity in Road Safety Audits of 2/4/6 Lanning Highway projects at different stages including at least one at design stage					
	1 nos. - 2	10	10	10	10	0
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.					
	v) Urban Highway	5	5	4	5	0
	1 project - 1 mark					
	2 or more - 5 marks					
	vi) Road Safety Management Plan in field of	5	5	5	5	0
	1 project - 1 mark					
	2 or more - 5 marks					
	Employment with the firm	5	5	3.5	4	5
	3 1 year - 1 mark					
	Add 0.5 marks for each subsequent year subject to maximum 2 marks					
Total :		100	93	93.5	99	76

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Summary of Marks of CVs		2		3		4		10	
Key Person	Max. Points	M/s LEA Associates South Asia Pvt. Ltd. in association with Pioneer Infra Consultants Pvt. Ltd		M/s Aarvee Associates Architects Engineers & Consultants Private Limited		M/s SATRA Services and Solutions Private Limited in JV with Feedback Infra Private Limited		M/s MSV International Inc in association with Infraengg Technocrats Pvt Ltd.	
		As per evaluation Out of 100	As per evaluation out of Max. Points	As per evaluation Out of 100	As per evaluation out of Max. Points	As per evaluation Out of 100	As per evaluation out of Max. Points	As per evaluation Out of 100	As per evaluation out of Max. Points
TLSHE	12	92.50	11.10	76.00	9.12	78.00	9.36	89.00	10.68
RHE	6	96.00	5.76	87.00	5.22	91.00	5.46	45.00	2.70
BSE	6	91.00	5.46	86.00	5.16	88.00	5.28	89.00	5.34
SPS	6	91.00	5.46	68.67	4.12	91.00	5.46	84.50	5.07
SOME	6	91.00	5.46	99.00	5.94	91.00	5.46	90.00	5.40
RSE	4	93.00	3.72	93.50	3.74	99.00	3.96	76.00	3.04
Total	40		36.96		33.30		34.98		32.23

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