

Subject: Minutes of Meeting of Empowered Technical Evaluation Committee (ETEC) for evaluating Technical Bids for Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE." held at NHIDCL, New Delhi on 19.12.2018(2nd meeting).

1. ETEC Committee in its meeting dated 26.11.2018 has recommended to ask the bidders to submit their comments within 7 days by uploading Technical Score & Eligibility Criteria on Website. Consequent upon Approval of Competent Authority the technical score of the bidders along with minutes of meeting were uploaded on the website to submit the clarification/representation if any by the consultant on or before 10.12.2018(11:00hrs). The uploaded scores of respective consultants are tabulated below.

Sr. No	Name of Bidder	Technical Score	Status
1	M/s Indian Tecnocrat Limited	Non Responsive as failed in 1 st Stage Technical Evaluation	Non - Eligible
2	M/s Feedback Infra Private Limited	93.87	Eligible
3	M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions	Non Responsive as failed in 1 st Stage Technical Evaluation	Non - Eligible
4	M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd	91.1	Eligible
5	M/s Marc Technocrats Private Limited in association with Canvas Consultancy	Non Responsive as failed in 1 st Stage Technical Evaluation	Non - Eligible
6	M/s IRD Engineering Societa A Responsabilita Limitata in association with ILF Consulting Engineers Austria GmbH	79.22	Eligible

2. The technical evaluation result was published on website after approval of Competent Authority for representation if any by 10.12.2018. In response, (i) M/s Indian Tecnocrat Limited, (ii) M/s Feedback Infra Private Limited, (iii) M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions & (iv) M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd submitted their representation.

3. The representations received were examined and following are submitted:

a) M/s Indian Tecnocrat Limited

Sl. No.	Experience calculated by INFRACON	Score calculated by INFRACON	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sl. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
Eligibility criteria for turnover								
11(A)	The average annual Turnover of the M/s Indian Tecnocrat Limited firms for last three years is Rs. 12.738 , hence M/s Indian Tecnocrat Limited has failed in 1 st stage Technical Evaluation.		Consultant has submitted turnover of year 2017 to 2018 i.e. 26.44 cr.			After considered 2016-17, 2015-16 & 2014-15, the turnover is 21.58 cr.		Details of firm marks enclosed at Annexure-A & Key personnel marks are enclosed at Annexure-I

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b) M/s Feedback Infra Private Limited

Sr. No.	Experience calculated by INFRACON	Score calculated by INFRACON	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sr. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
Team Leader cum Sr. Highway Engineer : Mahendra kumar Srivastava								
1(ii)	-	0	Post Graduate Degree in Construction Management/Highway Engineering	5	M tech in Civil Engineering	ME (CIVIL)- Highway & Transportation Engineering	05	As per INFRACON Post Graduation Qualification is mentioned as M tech in Civil Engineering. Hence, INFRACON did not give marks. Based on the bidders claim, It is observed in Certificate attached in INFRACON that Key personnel did M tech in Highway & Transportation Engineering. Accordingly, ETEC considered the M tech and allotted marks as per RFP.
2(c)	6 no(2,3,4,5,6,7)	25	-	-	2,3,5,6(4 no)	2,3,5,6(4 no)	23.33	Sr. no. 4, 7 is not a Highway Project as per uploaded experience Certificate. Accordingly, ETEC deducted marks as per RFP.
Total	-	88	-	-	-	-	91.33	
Resident Engineer cum Pavement Specialist & Road Safety Expert : Sunil Kumar								
2(c)	4 no (4,5,8,9)	23.33		25	4,5,8(3 no)	21.665	21.665	Sr. no. 9 is not considered as designation variation between INFRACON CV and uploaded experience certificate. Accordingly, ETEC deducted marks as per RFP.
Total		93.33					91.67	
Senior Contract Specialist : Rudradeo Kumar								
1(ii)	-	0	Post Graduate Degree in Highway Engineering	5	-	-	0	As per RFP Marks given 5 marks against Post Graduate Degree in Law/PG in management /certificate course in management / certificate course in construction Management /certificate course in contract management. however he was post graduate in Highway Engineering, hence marks not given
2(a)	17 years(1,4 to 15,18,19)	18.664	1 to 19	20	1,4 to 19	(1,4 to 19) 18 year	20	Based on the bidders claim, experience under designation of Quantity Surveyor cum Documentation expert are considered. Accordingly, ETEC allocated marks as per RFP.
Total		92.994					94.33	

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Sr. No.	Experience calculated by INFRACON	Score calculated by INFRACON	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sr. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
Material Engineer : Ajay Kumar Dixit								
1(ii)	-	0	M tech in Geo-Technical Engineering/S oil Mechanics and Foundation Engineering	5	-	-	0	M tech Education Certificate was not uploaded on INFRACON Portal and he was post graduate in Karnataka Open University which was not considered by ETEC.
2(a)	20 yrs (1,2,3, 5 to 12)	15	-	-	1,8,9,10,12 (7 years)	1,8,9,10,12 (7 years)	0	2 to 7 & 11 projects in which experience certificate/ Self declaration was not uploaded on INFRACON Portal. Hence, ETEC deducted marks as per RFP.
2(b)	11 yrs (7 to 12)	20	-	-	9,10,12(5 years)	9,10,12(5 years)	16	
2(c)	6 Projects (7 to 12)	25	-	-	9,10,12(3 no)	9,10,12(3 no)	21.665	
Total		85					62.665	
Bridge/Structural Engineer – Mr. Rajesh Kumar								
2(e)	3 no	4.666	2 to 9	5	1 to 9	1 to 9(10 no)	5	Marks as per 1 st ETEC and there is no change in Marks.
Total		89.67		-			90	

c) M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd

Sl. No.	Experience calculated by INFRACON after dated 27.04.2018	Score calculated by INFRACON after dated 27.04.2018	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sr. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
Senior Contract Specialist : Sanjeev Kumar Bhatnager								
2(a)	7 years(8,10, 22,23,24)	0	1 to 24 (32 yr)	20	6 to 10,12 to 20,22,24	6 to 10,12 to 20,22,24(21 year)	20	Based on the bidders claim, experience under designation of Senior Quantity

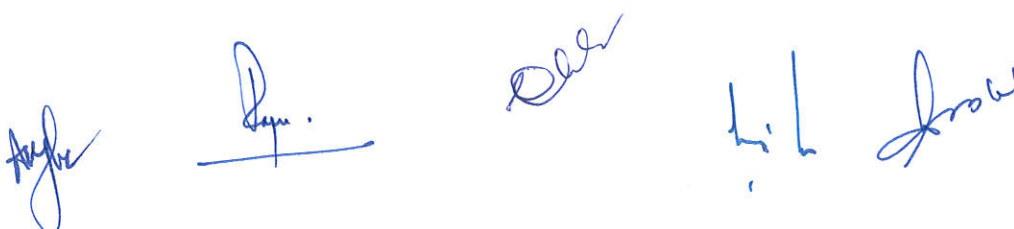
L.H. *Ajay Dixit* *Sanjeev Kumar* *all* *for*

Sl. No.	Experience calculated by INFRACON after dated 27.04.2018	Score calculated by INFRACON after dated 27.04.2018	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sr. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
2(b)	7 years (8,10,22,23,24)	19.996	16 years	20	8 to 10,12 to 15,17,18,19,22, 24	8 to 10,12 to 15,17,18,19,22, 24 (13 years)	20	Surveyor/Contract Specialist and Quantity Surveyor cum Documentation expert are considered. Accordingly, ETEC allocated marks as per RFP.
2(c)	8,10,22 (3 no)	23.33	8 no	25	8,10,12,13,14,15,17,18,19,22	8,10,12,13,14,15,17,18,19,22 (10 no)	25	
2(d)	13,15,20 (3 no)	4.666	5 no	5	9,13,15,20	9,13,15,20(4 no)	5	
Total		67.992		94			90	

d) M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions

Sl. No.	Experience calculated as per INFRACON	Score calculated as per INFRACON	Experience Claimed by Consultant	Score Claimed by Consultant	Sl. No. of projects as per uploaded data on INFRACON.	Sl. No. of projects considered after representation (Experience)	Score calculated after representation	Comments of ETEC
Firm credentials								
2	Disqualified based in aggregate length of supervision Projects i.e. minimum aggregate length of 213 km. but firm has aggregate length of 203.951 km based on experience certificate		9 projects (553.20 km)		29(91.5 km), 36(50.625 km), 52(0.96 km), 54(27.674 km), 55(33.192 km), 38 (34.39km), 40 (34.85 km)	38(34.39km), 40# (34.85 km) (Total =273.191 km)		Details of firm marks enclosed at Annexure-A & Key personnel marks are enclosed at Annexure-I

INFRACON has not considered Sr. No. 40 project pertaining to M/s Dhruv Consultancy Services Limited as it was mentioned execution instead of Supervision. Based on the bidders claim, same project has been considered by ETEC and accordingly, allocated marks as per RFP.



4. Considering the Para 3 above, the evaluation result of eligible bidders is as under:

Name of Key Personnel	Weightage	M/s Indian Tecnocrat Limited		M/s Feedback Infra Private Limited		M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions		M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd		M/s IRD Engineering Societa A Responsabilita Limitata in association with ILF Consulting Engineers Austria GmbH	
		Marks	Score	Marks	Score	Marks	Score				
Team Leader cum Senior Highway Engineer	20	92.67	18.53	91.33	18.27	89.33	17.87	89.33	17.87	93.67	18.73
Resident Engineer cum pavement specialist & road safety expert	15	95	14.25	91.67	13.75	83.33	12.50	90	13.50	45*	6.75
Senior Quantity Surveyor	10	45*	4.5	90	9.0	90	9	86	8.6	93.66	9.37
Sr. Contract Specialist	10	74*	7.4	94.33	9.43	69.67*	6.97	90	9	24.67*	2.47
Bridge/ Structural Engineer**	10	70*	7	90	9.0	20*	2	93.33	9.33	94	9.4
Material Engineer	10	90	9.0	62.665*	6.27	85	8.5	84.99	8.50	90	9
Sub Total	75		60.68		65.72		56.84		66.8		55.72
Firm's Relevant Experience	25		19.75		25		25		25		22
Total	100		80.43		90.72		81.84		91.8		77.72

* Key Personnel who could not score the minimum Qualifying marks of 75%. NHIDCL may ask to give a replacement for the key personnel who has scored less than 75 % marks from respective bidders if it becomes the preferred bidder. Reduction in remuneration would be made on account of above change as per clause 3.4 (iv) (f), Section-2 of RFP.

** In INFRACON Portal the total marks of Bridge/Structural Engineer is showing 115 instead of 100 due to inadvertent error in input sheet. Additional 15 Marks is showing against the firms, hence additional 15 marks is deducted for bridge/structural engineer.

5. M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd has stated in their presentation that Mr. Rakesh Kumar (Senior Quantity Surveyor) was already appointed in project of Dimapur Bypass in the state of Nagaland. However, M/s Feedback Infra Private Limited proposed Mr. Rakesh Kumar for position of Senior Quantity Surveyor. As per clause 6.9 of RFP "If any of the key personnel employed by NHIDCL in other project by virtue of which their claim as H1 bidder, maximum two replacements with equal or better qualifications can be considered by NHIDCL in addition to clause 6.7 above. However reduction in remuneration will apply as per

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clause 6.7 above". If M/s Feedback Infra Private Limited becomes the preferred bidder then NHIDCL may ask to give a replacement for the key personnel.

6. In view of the above, committee recommends that financial bids of the following firms with respective Technical scores to be opened with the approval of Competent Authority by giving 7 days of time for representation if any to bidders.

Sr. No	Firm Name	Technical Score	Status
1	M/s Indian Tecnocrat Limited	80.43	Eligible
2	M/s Feedback Infra Private Limited	90.72	Eligible
3	M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions	81.84	Eligible
4	M/s Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd	91.8	Eligible
5	M/s IRD Engineering Societa A Responsabilita Limitata in association with ILF Consulting Engineers Austria GmbH	77.72	Eligible



W. Blah
ED-V
Convener



Rajeev Sood
GM-Tech
Member Secretary



Adil Singh
GM-Tech
Member



A.K. Jha
DGM(Tech)
Presenting Officer



Uttam Chatterjee
DGM-Fin.
Member

Annexure-A

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE.

Evaluation Criteria for Assessment of Relevant Experience of the Firm

S.No.	Description	Max Marks	M/s Indian Tecnocrat Limited	Feedback Infra Private Limited	M/s Dhruv Consultancy Services Limited in association with Global Infra Solutions	Yongma Engineering Co Ltd in association with Sterling Indo Tech Consultants P Ltd	IRD Engineering Societa A Responsabilita Limitata in association with ILF Consulting Engineers Austria
			Marks	Marks	Marks	Marks	Marks
1	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) Upto 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	2	2	2
			1981	1990	2003	1997	2000
2	Average Annual Turnover (last 3 years) from consultancy business < Rs 14.41 crore - 0 marks Rs 14.41 crore - 1.5 marks Add for additional turnover 0.25 (zero point two five) marks for every additional Turnover of Rs 7.21 crore subject to maximum 0.5 marks.	2	1.5	2	2	2	2
			Turnover 21.58	Turnover 234.74	Turnover 43.38	Turnover 64.77	Turnover 155.85
3	Experience in Construction Supervision / Independent Engineer / Authority Engineer in Highway Projects of length equal to 28.4 km or more / bridge works of similar category (2/4/6 laning) in last 7 years. 1 project - 12 marks Add 1 (one) mark extra for each completed project subject to maximum 16 marks.	16	12	16	16	16	14
			Project 22	Project No. 91,83, 79,68,64	Project No. 29,26,55,38,40	Project No. 6,13, 55, 85,103	Project No. 2,4,6
4	Experience in DPR preparation/Feasibility Study cum Preliminary Designing Report of Highway projects of length equal to 28.4 km or more/bridge works 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 marks.	5	4.25	5	5	5	4
			Project 28,34	Project No. 93, 89,88,87, 86	Project 50,49,48,47,46	Project No. 93, 94, 95,100,108	Project No. 8
	Total	25	19.75	25	25	25	22

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Abstract of Key Personnel Score

Company Name:-Indian Tecnocrat Limited Team ID:-2018-782-373_5611

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score	Replacement Details
Central Team								
1	Samiran Chanda	Sr. Contract Specialist	51	74.00	10	100	7.40	
2	Vijay Kumar Singh	Resident Engineer cum pavement specialist & road safety expert	57	95.00	15	100	14.25	
3	Suman Barua	Senior Quantity Surveyor	46	45.00	10	100	4.50	
4	Ashwani Kumar	Bridge/ Structural Engineer	48	85.00	10	100	8.50	
5	Sachidanand Sharma	Material Engineer	44	90.00	10	100	9.00	
6	Anil Kumar Srivastava	Team Leader cum Senior Highway Engineer	59	92.67	20	100	18.53	

Total: 62.18

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Samiran Chanda Designation:-Sr. Contract Specialist Age:-51

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		25.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5	Masters in Construction Management	5
2) Relevant Experience and Adequacy for the Project	70.00		49.000
Total Professional Experience of Contract Management	20	10.00 Yrs	0.000
Experience as Contract Specialist on any National/State Highway project	20	10.00 Yrs	20.000
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	5.00 No.	25.000
Experience in Arbitration	5	1.00 No.	4.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		74.000



Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Vijay Kumar Singh Designation:-Resident Engineer cum pavement specialist & road safety expert Age:-57

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		25.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5	M.Tech/ M E in Transportation Engineering or equivalent	5
2) Relevant Experience and Adequacy for the Project	70.00		69.995
Total Professional Experience in handling Highway projects	15	27.00 Yrs	15.000
Experience as Resident Engineer/Assistant Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on similar construction work/Independent Engineering project	25	12.00 Yrs	25.000
Experience as atleast 2 Highway Projects of about 20-25 Km each	25	5.00 No	24.995
Experience of Construction Supervision on Highway Project of Minimum 25 km length of 4-Lane/6-Lane or equivalent 2-Lane	5	8.00 No	5.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		94.995

Second Stage Technical Evaluation

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Qualification and Competence

Name:-Suman Barua Designation:-Senior Quantity Surveyor Age:-46

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		25.000
Professional Experience in handling Highway Contracts	20	9.00 Yrs	0.000
Experience as Quantity Surveyor in Highway project	25	9.00 Yrs	0.000
Experience as Quantity Surveyor in atleast two projects in Construction Supervision of 2/4 Laning Highways	25	6.00 No.	25.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		45.000

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Ashwani Kumar Designation:-Bridge/ Structural Engineer Age:-48

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	85.00		65.000
Total Professional Experience	15	21.00 Yrs	15.000
.Total Professional Experience in handling Highway projects	15	14.00 Yrs	0.000
Experience in Construction / Construction Supervision of bridge / interchange / any other structures	15	14.00 Yrs	15.000
Experience in similar capacity in supervision of Highway Bridges on Pile/Well foundation.	20	12.00 No.	20.000
Experience in supervision of Rehabilitation and repair of Major Bridges	10	47.00 No.	10.000
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	64.00 No.	5.000
Experience as a Bridge Engineer abroad	5	0.00 No.	0.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	115		85.000

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Sachidanand Sharma Designation:-Material Engineer Age:-44

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		25.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5	M.Tech Geotech Engineering	5
2) Relevant Experience and Adequacy for the Project	70.00		65.000
Professional Experience in construction of Highways / Roads / Airfield Runways	15	20.00 Yrs	15.000
Experience in similar capacity in Construction / Construction Supervision of Highway projects	20	14.00 Yrs	20.000
Experience as Material / Geotechnical Engineer in Construction/Construction Supervision of Highway projects	25	8.00 No.	25.000
Familiar with material property of road construction material, technical specifications and procedures of material tests and testing equipments.	5	16.00 Yrs	5.000
Experience as a Material Engineer abroad	5	0.00 No.	0.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		90.000

Second Stage Technical Evaluation

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Qualification and Competence

Name:-Anil Kumar Srivastava Designation:-Team Leader cum Senior Highway Engineer Age:-59

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		68.666
Total Professional Experience in handling Highway Contracts.	15	30.00 Yrs	15.000
Experience as Team Leader/Resident Engineer/Project Manager or similar capacity in Highway project	15	16.00 Yrs	15.000
Should have handled as Team Leader/Resident Engineer/Project Manager or similar capacity in Construction Supervision of Highways	25	7.00 No.	25.000
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.	10	2.00 No.	8.666
Experience in Supervision of Highway Construction with Rigid/ Flexible pavement of minimum 50 km of 4/6 lane or 2 Lane equivalent)	5	5.00 No.	5.000
3) Employment with the Firm	5	1.17 Yrs	4.000
Total	100		92.666

NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018**Abstract of Key Personnel Score****Company Name:-Dhruv Consultancy Services Limited Team ID:-2018-782-176_4141**

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score
Central Team							
1	Sidheshwar Choubey	Team Leader cum Senior Highway Engineer	59	89.33	20	100	17.87
2	Sanjay Kumar	Material Engineer	58	85.00	10	100	8.50
3	sanjay sukul	Sr. Contract Specialist	55	69.67	10	100	6.97
4	LAVANYA KUMAR	Resident Engineer cum pavement specialist & road safety expert	42	83.33	15	100	12.50
5	Om Prakash Mishra	Senior Quantity Surveyor	52	90.00	10	100	9.00

Associated Company Name: Global Infra Solutions

Sno	Key Person Name	Position	Age	Key Personnel Score	Key Personnel Weightage %	Team Weightage %	Technical Score
Central Team							
1	Kameshwar Prasad	Bridge/ Structural Engineer	43	20.00	10	100	2.00

Total: 56.84

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Sidheshwar Choubey Designation:-Team Leader cum Senior Highway Engineer
Age:-59

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		69.332
Total Professional Experience in handling Highway Contracts.	15	31.00 Yrs	15.000
Experience as Team Leader/Resident Engineer/Project Manager or similar capacity in Highway project	15	15.00 Yrs	15.000
Should have handled as Team Leader/Resident Engineer/Project Manager or similar capacity in Construction Supervision of Highways	25	10.00 No.	25.000
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.	10	3.00 No.	9.332
Experience in Supervision of Highway Construction with Rigid/ Flexible pavement of minimum 50 km of 4/6 lane or 2 Lane equivalent)	5	13.00 No.	5.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		89.332

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Sanjay Kumar Designation:-Material Engineer Age:-58

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	Graduation in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		65.000
Professional Experience in construction of Highways / Roads / Airfield Runways	15	26.00 Yrs	15.000
Experience in similar capacity in Construction / Construction Supervision of Highway projects	20	26.00 Yrs	20.000
Experience as Material / Geotechnical Engineer in Construction/Construction Supervision of Highway projects	25	7.00 No.	25.000
Familiar with material property of road construction material, technical specifications and procedures of material tests and testing equipments.	5	22.00 Yrs	5.000
Experience as a Material Engineer abroad	5	0.00 No.	0.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		85.000

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-sanjay sukul Designation:-Sr. Contract Specialist Age:-55

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		49.666
Total Professional Experience of Contract Management	20	13.00 Yrs	0.000
Experience as Contract Specialist on any National/State Highway project	20	13.00 Yrs	20.000
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	5.00 No.	25.000
Experience in Arbitration	5	3.00 No.	4.666
3) Employment with the Firm	5	0.84 Yrs	0.000
Total	100		69.666

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-LAVANYA KUMAR Designation:-Resident Engineer cum pavement specialist & road safety expert Age:-42

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		63.330
Total Professional Experience in handling Highway projects	15	19.00 Yrs	15.000
Experience as Resident Engineer/Assistant Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on similar construction work/Independent Engineering project	25	8.00 Yrs	20.000
Experience as atleast 2 Highway Projects of about 20-25 Km each	25	4.00 No.	23.330
Experience of Construction Supervision on Highway Project of Minimum 25 km length of 4-Lane/6-Lane or equivalent 2-Lane	5	8.00 No.	5.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		83.330

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Om Prakash Mishra Designation:-Senior Quantity Surveyor Age:-52

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	70.00		70.000
Professional Experience in handling Highway Contracts	20	23.00 Yrs	20.000
Experience as Quantity Surveyor in Highway project	25	23.00 Yrs	25.000
Experience as Quantity Surveyor in atleast two projects in Construction Supervision of 2/4 Laning Highways	25	6.00 No.	25.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	100		90.000

Second Stage Technical Evaluation

Consultancy Services for Authority's Engineer for Supervision of "Construction of (i) 2 laning of existing Hunli-Anini road on EPC basis from design km 21.50 to km 37.50 (ii) 2 laning of existing Hunli-Anini road on EPC basis from design km 37.50 to km 53.50 and (iii) 2 laning of existing Hunli-Anini road on EPC basis from design km 53.50 to km 92.500 in the state of Arunachal Pradesh under SARDP-NE"[NHIDCL/Ar. Pr./Hunli-Anini(21.5 to 92.50)/AE/2018]

Qualification and Competence

Name:-Kameshwar Prasad Designation:-Bridge/ Structural Engineer Age:-43

Description	Maximum Points	Key Personnel Values	Points Scored
1) General Qualification	25		20.000
Essential Educational Qualification	20	BE/B.Tech /B.Sc. (Engineering)/ AMIE in CIVIL Engineering or equivalent	20
Desirable Educational Qualification	5		0
2) Relevant Experience and Adequacy for the Project	85.00		0.000
Total Professional Experience	15	0.00 Yrs	0.000
.Total Professional Experience in handling Highway projects	15	0.00 Yrs	0.000
Experience in Construction / Construction Supervision of bridge / interchange / any other structures	15	0.00 No.	0.000
Experience in similar capacity in supervision of Highway Bridges on Pile/Well foundation.	20	0.00 No.	0.000
Experience in supervision of Rehabilitation and repair of Major Bridges	10	0.00 No.	0.000
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	0.00 No.	0.000
Experience as a Bridge Engineer abroad	5	0.00 No.	0.000
3) Employment with the Firm	5	0.00 Yrs	0.000
Total	115		20.000

