



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष/Phone : 91-11-25074100 / 25074200



No. NHAI/DPRLandslides/PANDOHMANALI/HP/NH-21/2023/3rdcall/e-225928

Date 10.01.2024

To,

The Participated Bidders
(As per table below)

Sub: Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh-Result of Technical Evaluation - Reg.

Sir,

The Technical Scores of the firms are as under:-

Bid No.	Name of the Bidder (M/s)	Marks	Rank	Status
1/1	M/s Genstru Consultants Pvt. Ltd.	78.24	1	Eligible* as well as Responsive. *subject to submission of updated form 26 AS of more than 10 key personnel for the professional mentioned in the Technical Proposal in terms of RFP clause 3.1.3

2. The detailed evaluation sheets are enclosed herewith. Bidder is given opportunity to respond by 17.01.2024 upto 17:00 Hrs in case of any objection/ submission of updated form 26 AS of more than 10 key personnel for the professional mentioned in the Technical Proposal as per requirement of RFP Clause 3.1.3 & 12.3 of Data Sheet.

Yours faithfully,

Encl: a/a

(Asheesh Kumar Jain)
General Manager (T) J&K/ HP

Name of the Project	
Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh	
List of the Applicants:-	
Applicant No:-	Name of the Applicant
1/1	M/s. Genstru Consultants Pvt. Ltd
Status of the Applicant Sole/JV/ Association	
Sole	

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

S.No	Name of Consultancy Firm/Entity (Sole Bidder/Bidder in JV)	Status of the Applicant Sole/JV/ Association	Annual Average Turnover in Last 3 years 2019-20 to 2021- 22			Associate/ Sole/JV Share
			2019-20	2020-21	2021-22	
1/1	M/s. Genstru Consultants Pvt. Ltd	Sole	5.87	4.75	6.54	5.72 Yes

Minimum Eligibility Criteria w.r.t. Determination of Technical Capacity

Sl. No.	Name of the Bidder	Type	Form-1 (I.V)				Form-2 (O.M)								JV				(23)	(24)								
			(1)	(2)	(3)	(5)	(7)	(8)	(9)	(10)	(12)	(14)	(15)	(16)	(17)	(18)	(19)	(21)										
			Average Consultancy Turnover (last 3 Years)	Full time Key Professionals	Max. no. of NHAI projects incl. ongoing at a time can be allotted	Total Ongoing Projects of NHAI	Eligibility for new Projects (nos.)	Average Consultancy Turnover (last 3 Years)	Full time Key Professionals	Max. no. of NHAI projects incl. ongoing at a time can be allotted	Total Ongoing Projects of NHAI	Eligibility for new Projects (nos.)	Share LM	Share OM	Weighted Average Consultancy Turnover (last 3 Years)	Weighted Average Full time Key Professionals	Max. no. of NHAI projects incl. ongoing at a time can be allotted	Weighted Average Total Ongoing Projects of			Remaining Capacity for new Projects (nos.)							
			Total DPR	IE/AE	DPR	IE/AE		Total DPR	IE/AE	DPR	IE/AE	DPR	IE/AE				Total DPR	IE/AE	DPR	IE/AE								
1	M/s. Genstra Consultants Pvt. Ltd	Sole	5.72	0	0	0	0	0.00	0	0	0	0	100.00		5.72	0.00	0	0	0	0.00	0	0						

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations/ sections between PANDOH TO MANALI on Kirtipur-Manali Section of NH-21 in the State of Himachal Pradesh

S.No.	Name of the Applicants	The applicant should have experience of at least 02 similar projects having atleast consultancy fee of Rs 50 IAKHS each regarding Preparation of DPR including detailed Geological, Geotechnical and Topographical Surveys/Investigations and Design of Cost Effective and Suitable remedial measures for prevention of landslides/rockfall in the last 7 years.	Annual Turnover Annual average turnover for last 3 years of the firm should be equal to or more than Rs.5.00 Crores.	Technical capacity Whether the applicant is Eligible or In-Eligible	Whether the applicant is Responsive or Non-Responsive
1/1	M/s. Genstru Consultants Pvt. Ltd	Yes	Yes	Eligible* *subject to submission of updated form 26 AS of more than 10 key personnel for the professional mentioned in the Technical Proposal in terms of RFP clause 3.1.3	Responsive

Name of the Project

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Final Summary sheet

S. No.	Name of Bidder	Relevant Experience for the assignment*		Material testing, survey & investigation, equipment and software proposed to be used		Qualifications and competence of the key staff for the assignment		Plans carrying out any research work of similar name of work shall be given additional marks	Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs)	Total		Status of the Applicant
		Assessed	Claimed	Assessed	Claimed	Assessed	Claimed			Assessed	Claimed	
	Maximum Marks	35		15		40		5		95		
1/1	M/s. Genstru Consultants Pvt. Ltd	33.00	35.00	12.00	14.00	23.24	36.92	5.00	5.00	78.24	95.92	Responsive

Name of the Project			
Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh			
Firm's relevant experience in last 7 years			
S.No.	Applicant No.	Max Marks.	M/s. Genstru Consultants Pvt. Ltd
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd
	Description		Assesed
1	Experience of consultancy for Preparation of detailed project report (DPR) for Highway/Airport/Railway /Irrigation works/hill roads/Hydel projects for slope stabilization/landslide mitigation/rockfall protection/ bank protection/ river training/ flood mitigations measures.	15	15
	2 project	10	15
	3 projects	12	
	4 or more projects	15	
2	Experience of preparation of DPR for Highway/Airport/Railway /Irrigation works/hill roads/Hydel projects of length more than 20 KM in Hilly/Mountainous Terrain with slope stabilization/Landslide Mitigation/Rockfall Protection/ bank protection/ river training/ flood mitigations measures	10	10
	1 project	8	10
	2 projects	9	
	3 or more projects	10	
3	Experience in Geological, Geotechnical, geomorphological, and Topographical Survey/Investigation of landslides/Rockfall/Tunnel Portals/ river training/ geomatics	10	8
	2 projects	8	8
	3 projects	9	
	4 or more projects	10	
	Total	35	33

Name of the Project

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Material testing, Survey and investigation equipment and software proposed to be used (Outsourcing of Services/equipment shall be through Empanelled Consultants with MoRT&H wherever applicable)

	Description	Max Points	M/s. Genstru Consultants Pvt. Ltd
			M/s. Genstru Consultants Pvt. Ltd
			Assesed
1	Availability of NABL Accredited Material Testing Facilities with persons/resources having operational skills of the equipment	3	3.00
1.1	Owned** (Available In House)/ Outsourced (Hire basis/Through Associate)	3	3.00
2	Availability of Field Investigation Facilities (like Hydraulic rigs: minimum 3 nos. and Digital borehole logging) with persons/resources having operational skills of the equipment	3	3.00
2.1	Owned** (Available In House)/Outsourced (Hire basis/Through Associate)	3	3.00
3	Availability of Office Equipment, Slope stability Software with persons/resources having operational skills of the equipment- like Slide2 for Limit Equilibrium analysis & RS2 (Rocscience) for Finite Element analysis, Geo5, Plaxis and Geomatics software with person/ resources having operational skills of ERDAS IMAGINE 2022 with LPS & SAR Interferometry + IMAGINE UAV Modules/ ESRI	3	3.00
3.1	Owned** (Available In House)/Outsourced (Hire basis/Through Associate)	3	3.00
4	Availability of Drone/LiDAR/UAV and 3D modeling software or better technology for topographic survey	3	3.00
	Owned** (Available In House)/Outsourced (Hire basis/Through Associate)		3.00
5	Availability of ERT/SRT equipment Owned** (Available In House)/ Outsourced (Hire basis/Through Associate)	3	0.00
	Owned** (Available In House)/Outsourced (Hire basis/Through Associate)		0.00
Total Points		15	12.00

Name of the Project					
M/s. Genstru Consultants Pvt. Ltd					
Summary of CV's					
	Applicant No.				
S.No.	Name of the Applicant.	Max Marks		1	
	Key Position:				
1	Team Leader cum Senior Geo Technical Exper	12	9.24	12	
2	Senior Geologist	10	5.30	8.3	
3	Hydrologist cum Drainage Engineer	10	5.50	9.5	
4	Senior Quantity Surveyor	8	3.20	7.12	
	Total	40	23.24	36.92	

Name of the Project

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study,

TEAM LEADER cum SENIOR GEOTECHNIAL ENGINEER

S.No.	Applicant No.	Max Marks.	1/1	
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd	
	Name of the Key Personnel		Ashish D Gharpure	
	DoB.		8/17/1959	
	Description		Assesed	Claimed
I	General Qualification	25	25	25
i)	Degree in Civil Engineering or equivalent	20	20	20
ii)	Post Graduation in Civil Engineering (Highway Engg./Structures/Traffic and Transportation /Soil Mechanics and Foundation Engineering /Construction	5	5	5
II	Relevant Experience & Adequacy for the Project	70	47	70
a)	Total Professional Experience	15	11	15
	<15 years	0		
	15-18 years	11		
	>18-21 years	13		
	>21 years	15		
b)	Experience in Landslide/Rockfall investigation & design -Experience in Planning, project preparation and design of remedial measures for prevention of landslide/ rockfall on Highways/ Airport/ Railways/ Irrigation	15	9	15
	<12 years	0		
	12-15 years	9		
	>15-18 years	12		
	>18 years	15		
c)	Experience in Similar Capacity	40	17	20
i)	In DPR/feasibility of remedial measures for prevention of Landslide/Rockfall on Highways/ Airport/ Railways/ Irrigation/ hill roads/Hydel projects..	20		
	< 20 km	0		
	20 km-40 km	15		
	40km-80km	17		
	> 80 km	20		
ii)	In hill road projects with slope stabilization/Landslide Mitigation/Rockfall Protection- Number of Projects	10	10	10
	< 2 projects	0		
	2 projects	8		
	3-5 projects	9		
	More than 5 projects	10		
iii)	Experience in preparation of DPR of hill roads with slope stabilization/Landslide Mitigation/Rockfall Protection	10	0	10
	<10 years	0		
	>=10-12 years	9		
	>12 years	10		
III	Employment with Firm	5	5	5
	< 1 Year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks			
Total		100	77	100
Weightage		12	9.24	12

Name of the Project

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations/ sections between PANDOHI TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Senior Geologist

S.N o.	Applicant No.	Max Marks.	1/4	
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd	
	Name of the Key Personnel		Ashish Kuymar Patra	
	DoB.		20.01.1978	
	Description		Assesed	Claimed
I	General Qualification	25	20	20
i)	Post Graduate Degree in Geology/ Related field	20	20	20
ii)	PhD in Geology/Related fields	5	0	0
II	Relevant Experience & Adequacy for the Project	70		60
a)	Total Professional Experience	15	13	15
	<15 years	0		
	15-18 years	11		
	>18-21 years	13		
	>21 years	15		
b)	Experience in Landslide/Rockfall investigation & design - Experience in project preparation/DPR or feasibility report/of design of remedial measures for prevention of landslide/ rockfall on Highways/ Airport/ Railways/ Irrigation/hill roads/hvdel projects.	15	0	15
	<12 years	0		
	12-15 years	13		
	>15-18 years	14		
	>18 years	15		
	Experience in Landslide/Rockfall investigation & design - Experience in project preparation/DPR or feasibility report/of design of remedial measures for prevention of landslide/ rockfall on Highways/ Airport/ Railways/ Irrigation/hill roads/hvdel projects	10	0	10
	< 2 projects	0		
	2 projects	8		
	3- 5 projects	9		
	>5 projects	10		
	In Design of suitable remedial measures for prevention of Landslide/Rockfall	20	20	20
	< 5 years	0		
	5 Years	15		
	>5-7 Years	17		
	> 7 Years	20		
III	Employment with Firm	5	0	3
	> 1 Year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks			
	Total	100	53	83
	Weightage	10	5.3	8.3

Name of the Project

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOH TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Hydrologist cum Drainage Engineer

S.No.	Applicant No.	Max Marks.	1/1	
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd	
	Name of the Key Personnel		K Vijaya Mohan	
	DoB.		5/10/1974	
	Description		Assesed	Claimed
I	General Qualification	25	25	25
i)	Degree in Civil Engineering or equivalent	20	20	20
ii)	Post graduate in Civil Engineering (hydraulic/hydrogeology/ water resource/water technology/hydrology/watershed Management) (AICTE Approved)	5	5	5
II	Relevant Experience & Adequacy for the Project	70	30	70
a)	Total Professional Experience	15	11	15
	<12 years	0		
	12-15 years	11		
	>15-18 years	13		
	> 18 years	15		
b)	Experience in preparation of DPR or feasibility report for Landslide/Rockfall investigation/ river training/ embankment design/hydraulic design of structures on Highways/ Airport/ Railways/ Irrigation/Hydel projects/hill roads	25	19	25
	<10 years	0		
	10-13 years	19		
	>13-15 years	22		
	>15 years	25		
c)	Experience in Similar Capacity	30	0	30
i)	In preparation of DPR or feasibility report of Landslide/Rockfall/river training/ bank protection/ hydraulic design of structures on Highways/ Airport/ Railways/ Irrigation/ Hydel projects/hill roads.	30		
	< 5 Years	0		
	5 years	22		
	>5-10 Years	25		
	> 10 Years	30		
III	Employment with Firm	5	0	0
	< 1 Year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks			
	Total	100	55	95
	Weightage	10	5.5	9.5

Consultancy Services for Preparation of DPR including detailed Geology, Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and Cost Effective and Suitable remedial measures for prevention of landslides/rockfall/river cut/ mass movement/bank erosion etc. at identified locations / sections between PANDOJ TO MANALI on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Senior Quantity surveyor

S.N o.	Applicant No.	Max Marks.	1/1	
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd	
	Name of the Key Personnel		Girish Dhavalikar	
	DoB.		12.10.1967	
	Description		Assesed	Claimed
I	General Qualification	25	25	25
i)	Graduate or equivalent in Civil Engineering/ Certificate course from institution of Quantity surveying	20	25	25
II	Relevant Experience & Adequacy for the Project	70		64
a)	Total Professional Experience	15	15	15
	<15 years	0		
	15-18 years	11		
	>18-21 years	13		
	>21 years	15		
b)	Experience in Highway Projects - preparation of Bill of Quantities Contract documents and documentation for major projects for prevention of landslide/ rockfall on Highways/ Airport/ Railways/ Irrigation/hill roads/hydel projects	30	0	19
	<12 years	0		
	12-15 years	19		
	>15-18 years	22		
	>18 years	25		
c)	Experience in Similar Capacity	30	0	30
i)	As Quantity Surveyor/Documentation Expert for prevention of Landslide/Rockfall on Highways/ Airport/ Railways/ Irrigation/Hillroads/Hydel	30		
	< 2 projects	0		
	2-4 projects	22		
	>4-6 Projects	25		
	> 6 Projects	30		
III	Employment with Firm	5	0	0
	< 1 Year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	0		
	Total	100	40	89
	Weightage	8	3.2	7.12