



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)

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No.NHAI/DPRLandslides/KIRATPURPANDOH/HP/NH-21/2023/4thcall/e-223079

Date 10.05.2024

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH 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
1/2	M/s Genstru Consultants Pvt. Ltd.	80.20	1	Eligible & Responsive
2/2	M/s TUMAS Turkish Engineering Consulting and Contracting Inc. Co. Joint Venture with Civil Mantra INFRACON Private Limited & in Association with AVOK Engineering Consulting & Contracting Pvt. Ltd.	In-Eligible under RFP clause 3.1.3		

2. The detailed evaluation sheets are enclosed herewith. Bidders are given opportunity to respond by **17.05.2024 upto 15:00 Hrs** in case of any objection as per requirement of RFP Clause 12.3 of Data Sheet.

Yours faithfully,

Encl: a/a

Manas

(Manas Srivastava)

Dy. 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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on Kiratpur_ Manali Section of NH-21 in the State of Himachal Pradesh		
List of the Applicants:-		
Applicant No:-	Name of the Applicant	Status of the Applicant Sole/JV/ Association
1/2	M/s. Genstru Consultants Pvt. Ltd.	Sole
2/2	M/s TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING CONSULTING & CONTRACTING PRIVATE LIMITED	JV/Association

Consultancy Services for preparation of DPR including detailed Geology & Geomorphology study, Geotechnical Investigations, Satellite Imagery and INSAR deformation study, Topographical survey, 3D mapping and preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH 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 5 years	Associate/ Sole/JV Share
			2018-19	2019-20	2020-21	2021-22	2022-23		
1/2	M/s. Genstru Consultants Pvt. Ltd.	Sole	4.42	5.87	4.75	6.54	11.23	6.56	Yes
2/2	M/s TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING CONSULTING & CONTRACTING PRIVATE LIMITED	Lead	175.31	149.22	128.44	104.76	145.37	140.62	Yes
		JV	11.96	11.54	14.18	20.95	38.00	19.33	

B-11 Technical Capacity

S. No.	Name of the Consultant firm/entity	Share	Sole/JV/ Association	Annual Average Turnover in the last 3 years (1)	Personnel with Form 26AS (2)	Max. no. of consultancy assignments to be awarded to the consultant (sole applicant) including ongoing consultancy services at a time on National Highways or centrally sponsored road works of MoRTH including its executing agencies (3)		Maximum no. of DPR consultancy assignments to be awarded to the consultant (sole applicant) including ongoing consultancy services at a time on National Highways or centrally sponsored road works of MoRTH including its executing agencies in one financial year (4)		Ongoing/awarded projects (5)			Projects awarded in CFY (6)			Remaining Capacity of DPR (7)	Eligible
						DPR	AE/IE /CS	DPR	AE/IE /CS	Total	DPR	AE/IE /CS	Total	DPR	IE/AE/CS		
1/2	M/s. Genstru Consultants Pvt. Ltd.	1	Association	7.51	7	6	8	3	3	1.00	1.00	0.00	0.00	0.00	0.00	3.00	Yes
2/2	M/s TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING CONSULTING & CONTRACTING PRIVATE LIMITED	0.40	Lead Member	126.19	12	8	6	3	7	0.40	0.00	0.40	3.00	3.00	0.00	0.00	<u>No</u>
		0.35	Other Member	24.38	26	8	6	3	7	0.75	0.00	0.75	3.00	3.00	0.00	0.00	<u>No</u>
			JV	59.01	13.90	6.00	8.00	3	3.00	0.42	0.00	0.42	2.25	2.25	0.00	0.75	<u>Yes</u>

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on Kiratpur-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 meaasures for prevention of landslides/rockfall in the last 7 years.	Annual Turnover	Technical capacity	Whether the applicant is Responsive or Non-Responsive
			Annual average turnover for last 5 years of the firm should be equal to or more than Rs.5.00 Crores.	Whether the applicant is Eligible or In-Eligible	
1/2	M/s. Genstru Consultants Pvt. Ltd.	Yes	Yes	Yes	Responsive
2/2	M/s TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING CONSULTING & CONTRACTING PRIVATE LIMITED	yes	Yes	InEligible under clause 3.1.3 of RFP Bidder has submitted remaining Technical capacity as 3 individually in CFY (lead & JV both). However,as per combined self assesment, individual remaining technical capacity has shown as 0 in CFY.	

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOY 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	Firms 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
	Maximum Marks	35	15	40	5	5	100	
		Assessed	Assessed	Assessed	Assessed	Assessed	Assessed	
1/2	M/s. Genstru Consultants Pvt. Ltd.	33	12.00	25.20	5	5	80.20	1
2/2	M/s TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING CONSULTING & CONTRACTING PRIVATE LIMITED	Ineligible under RFP Clause 3.1.3						

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on Kiratpur_ Manali Section of NH-21 in the State of Himachal Pradesh

Firm's relevant experience in last 7 years

Sr.No	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 in supervision of Highway/Airport/Railway /Irrigation works/hill roads/Hydel projects 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/geophysical 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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH 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.
			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 Software Bundle for Education and Research (ArcGIS Desktop10.8.2/Pro 3.1.0 and ENVI 5.6.1 + IDL (10), ENVI FX(2), ENVI ACM (2) , ENVI DL (2))/ Pix4D	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	3	0.00
	Owned** (Available In House)/Outsourced (Hire basis/Through Associate)		0.00
	Total Points	15	12.00

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on

Summary of CV's

S.No.	Applicant No.	Max Marks	
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd
	Key Position:		Asssed weightage
1	Team Leader cum Senior Geo Technical Exper	12	10.20
2	Senior Geologist	10	5.50
3	Hydrologist cum Drainage Engineer	10	9.50
4	Senior Quantity Surveyor	8	0.00
	Total	40	25.20

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 preparation of DPR for providing Cost Effective TEAM LEADER cum SENIOR GEOTECHNIAL ENGINEER

S.N o.	Applicant No.	Max Marks.	1/2	2/2
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd.	M/s. TUMAS Turkish Engineering Consulting & Contracting Inc. Co. in JV with CivilMantra Infracon Private Limited in Association with AVOK ENGINEERING
	Name of the Key Personnel		Prashant Navalakha	Mitender Gupta
	DoB.		09-09-1972	26-03-1972
	Description		Assesed	Assesed
I	General Qualification	25	25	20
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 Management/ Transportation) (AICTE Approved)	5	5	0
II	Relevant Experience & Adequacy for the Project	70	55	60
a)	Total Professional Experience	15	15	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/hill roads/Hydel projects	15	0	15
	<10 years	0		
	10-12 years	9		
	>12-15 years	12		
	>15 years	15		
c)	Experience in Similar Capacity	40	20	20
i)	In DPR/feasibility of remedial measures for prevention of Landslide/Rockfall on Highways/ Airport/ Railways/ Irrigation/ hill roads/Hydel projects..	20		
	< 2 projects	0		
	2 projects	15		
	3- 5 projects	17		
	> 5 projects	20		
ii)	In Supervision of hill road projects with slope stabilization/Slope protection /Landslide Mitigation/Rockfall Protection- Number of Projects	10	10	0
	< 1 projects	0		
	1 projects	8		
	2 projects	9		
	>2 projects	10		
iii)	Experience in preparation of DPR of hill roads with slope stabilization/Landslide Mitigation/Rockfall Protection	10	10	10
	<3 years	0		
	>=3-5 years	9		
	>5 years	10		
III	Employment with Firm	5	5	0
	< 1 Year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks			
	Total	100	85	80
	Weightage	12	10.2	9.6

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOY on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Senior Geologist

S.N o.	Applicant No.	Max Marks.	1/2
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd
	Name of the Key Personnel		Harish Kainthola
	DoB.		16-05-1962
	Description		Assesed
I	General Qualification	25	20
i)	Post Graduate Degree in Geology/ Related field	20	20
ii)	PhD in Geology/Related fields	5	0
II	Relevant Experience & Adequacy for the Project	70	35
a)	Total Professional Experience	20	20
	<15 years	0	
	15-18 years	16	
	>18-21 years	18	
	>21 years	20	
b)	Experience in project preparation/ DPR or Feasibility report / of design of remedial measures for prevention Landslide/Rockfall/slope protection/slope stability on Highways/ Airport/ Railways/ Irrigation/hill roads/Hydel projects.	15	0
	<10years	0	
	10-12 years	13	
	>12-15 years	14	
	>15 years	15	
(c)	Experience in project preparation/ DPR or Feasibility report / of design of remedial measures for prevention Landslide/Rockfall/slope protection/slope stability on Highways/ Airport/ Railways/ Irrigation/hill roads/Hydel projects.	15	15
	< 2 projects	0	
	2 projects	13	
	3- 5 projects	14	
	>5 projects	15	
	Experience in Similar Capacity		
i	In Design of suitable remedial measures for prevention Landslide/Rockfall/slope protection/slope stability on Highways/ Airport/ Railways/ Irrigation/hill roads/Hydel projects	20	0
	< 5 years	0	
	5 Years	15	
	>5-7 Years	17	
	> 7 Years	20	
III	Employment with Firm	5	0
	> 1 Year	0	
	1 year	3	
	Add 0.5 marks for each subsequent year		
	Total	100	55
	Weightage	10	5.5

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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Hydrologist cum Drainage Engineer

S.N o.	Applicant No.	Max Marks.	1/2
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd.
	Name of the Key Personnel		Surya Prasad Rijal
	DoB.		24-11- 1963
	Description		Assesed
I	General Qualification	25	25
i)	Degree in Civil Engineering or equivalent	20	20
ii)	Post graduate in Civil Engineering (hydraulic/hydrogeology/ water resource/water technology/hydrology/watershed Management) {AICTE Approved [AICTE Approved]}	5	5
II	Relevant Experience & Adequacy for the Project	70	70
a)	Total Professional Experience	15	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	25
	<10 years	0	
	10-13 years	19	
	>13-15 years	22	
	>15 years	25	
c)	Experience in Similar Capacity	30	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
	< 1 Year	0	
	1 year	3	
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks		
Total		100	95
Weightage		10	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 preparation of DPR for providing Cost Effective and Suitable remedial measures for prevention of landslides/rockfall /river cut/ mass movement/bank erosion etc. at identified locations / sections between KIRATPUR TO PANDOH on Kiratpur-Manali Section of NH-21 in the State of Himachal Pradesh

Senior Quantity surveyor

S.No.	Applicant No.	Max Marks.	1/2
	Name of the Applicant.		M/s. Genstru Consultants Pvt. Ltd.
	Name of the Key Personnel		Harshan Patil
	DoB.		4-17-1980
	Description		Assesed
I	General Qualification	25	25
i)	Graduate or equivalent in Civil Engineering/ Certificate course from institution of Quantity surveying	20	Graduation certificate is not opening on INFRACON
II	Relevant Experience & Adequacy for the Project	70	
a)	Total Professional Experience	15	
	<15 years	0	
	15-18 years	11	
	>18-21 years	13	
	>21 years	15	
b)	Experience in Preparation of Bill of Quantities, Contract documents and documentation for major projects for prevention of landslides/rockfall/Tunnel projects/Slope stability/slope protection onHighways/Airport/Railways/Irrigation/Hill roads/Hydel projects.	25	
	<10 years	0	
	10-12 years	19	
	>12-15 years	22	
	>15 years	25	
c)	Experience in Similar Capacity	30	
i)	As Quantity Surveyor / Documentation Expert for prevention of landslides/rockfall/Tunnel projects/Slope stability/slope protection onHighways/Airport/Railways/Irrigation/Hill roads/Hydel projects.	30	
	< 2 projects	0	
	2-4 projects	22	
	>4-6 Projects	25	
	> 6 Projects	30	
III	Employment with Firm	5	
	< 1 Year	0	
	1 year	3	
	Add 0.5 marks for each subsequent year subject to maximum of 2 marks	0	
Total		100	0
Weightage		8	0

Signature Not Verified

Digitally signed by VISHWAS SHARMA
Date: 2024.05.10 15:10:06 IST
Location: eProcurement System for Central PSUs