

BOQ Summary Details

Tender Title: Geotechnical Investigation and Topographical Survey of proposed site for Extension of Apron at Srinagar Airport

Tender ID: 2023_AAI_173673_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	GEO MEDIA ENGINEERING AND CONSULTANCY SERVICES PRIVATE LIMITED	1250000	L1
	2	M/S MOUNT GEO TECHNICAL SERVICES PVT LTD	1303800	L2
	3	National Engineering Consultants & Testing Laboratory	1639650	L3
	4	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED	1648000	L4
	5	SWAYIN AND ASSOCIATES	1677011	L5

Government eProcurement System Created By: Simerdeep Singh Created Date/Time: 13-Dec-2023 12:42 PM Tender Title: Geotechnical Investigation and Topographical Survey of proposed site for Extension of Apron at Srinagar Airport Tender ID: 2023_AAI_173673_1
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Tender Inviting Authority: Senior Manager (Engg-C), Airports Authority of India, Srinagar International Airport, Srinagar.

Name of Work: Geotechnical Investigation and Topographical Survey of proposed site for Extension of Apron at Srinagar Airport

Contract No:

SCHEDULE OF WORK / ITEM(S)														
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	GEO MEDIA ENGINEERING AND CONSULTANCY	SWAYIN AND ASSOCIATES(GSTN-21AALES5680170)	M/S MOUNT GEO TECHNICAL SERVICES PVT.LTD.(GSTN-NA)	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED(GSTN-NA)	National Engineering Consultants & Testing Laboratory(GSTN-NA)					
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Making Boreholes (100 mm dia) of depth 10 m below the proposed invert level of box culvert including collection of disturbed / undisturbed samples at 0.75m depth from proposed invert level of box culvert and there onwards at every 1.5m interval or change in strata whichever is earlier. Conducting Standard Penetration Test (SPT) at a depth (from proposed invert level of box culvert) of 0.75m, 1.5m, 2.25m, 3m and there onwards at every 1.5 m interval or at change of strata, whichever is earlier.	10.00	Each		9000.00	90000.00	32000.00	320000.00	12000.00	120000.00	900.00	9000.00	30000.00	300000.00
2.00	Making Boreholes (100 mm dia) in borrow area upto depth of borrow excavation from existing ground level including collection of disturbed/undisturbed samples at 0.50m, 1.25m, 2.0m, 3.0m depth from existing ground level or change in strata whichever is earlier.	20.00	Each		3000.00	60000.00	9780.00	195600.00	6000.00	120000.00	500.00	10000.00	24000.00	480000.00
3.00	Making Boreholes (100 mm dia) of depth upto 3.5 m from existing ground level / finished grade level including collection of disturbed/undisturbed samples at 0.50m, 1.25m, 2.0m, 3.0m depth from existing ground level / finished grade level or change in strata whichever is earlier.	43.00	Each		4500.00	193500.00	10500.00	451500.00	6000.00	258000.00	500.00	21500.00	10500.00	451500.00
4.00	Making Boreholes (100 mm dia) of depth from 3 to 4 m from existing ground level including collection of disturbed/undisturbed samples at 0.75m depth from existing ground level and there onwards at every 1.5m interval or change in strata whichever is earlier. Conducting Standard Penetration Test (SPT) at a depth of 0.75m, 1.5m, 2.25m, 3m and there onwards at every 1.5 m interval or at change of strata, whichever is earlier.	3.00	Each		4500.00	13500.00	12000.00	36000.00	8000.00	24000.00	500.00	1500.00	10500.00	31500.00
5.00	Conducting various tests on soil samples such as Particle Size analysis, Determination of Natural Moisture Content of the soil, Field Density, Dry Density & Moisture-Density relation of soil on all samples alongwith Depth of Water Table if encountered with Soil Strata etc.	76.00	Each		2000.00	152000.00	100.00	7600.00	450.00	34200.00	500.00	38000.00	450.00	34200.00
6.00	Conducting various tests on soil samples and determination of Soil Properties like Liquid Limit, Plastic Limit, Plasticity Index, Swell Index, Shrinkage Limit.	76.00	Each		3000.00	228000.00	100.00	7600.00	750.00	57000.00	500.00	38000.00	450.00	34200.00
7.00	Conducting lab CBR (soaked and unsoaked) test of soil sample at proposed subgrade level.	21.00	Each		2000.00	42000.00	77.00	1617.00	4000.00	84000.00	500.00	10500.00	900.00	18900.00
8.00	Conducting Plate Load Test for modulus of Sub Grade reaction.	8.00	Each		12000.00	96000.00	77.00	616.00	40000.00	320000.00	500.00	4000.00	12000.00	96000.00
9.00	Conducting Permeability Test.	12.00	Each		3000.00	36000.00	77.00	924.00	2000.00	24000.00	500.00	6000.00	450.00	5400.00

L1 Amount	L1 Vendor
9000.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED
10000.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED
21500.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED
1500.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED
7600.00	SWAYIN AND ASSOCIATES
7600.00	SWAYIN AND ASSOCIATES
1617.00	SWAYIN AND ASSOCIATES
616.00	SWAYIN AND ASSOCIATES
924.00	SWAYIN AND ASSOCIATES

10.00	Conducting Tri axial Test.	50.00	Each
11.00	Elastic modulus, Poisson's ratio.	11.00	Each
12.00	Conducting Consolidation Test, Vane Shear Test.	6.00	Each
13.00	Determination of Specific Gravity.	10.00	Each
14.00	Chemical Analysis of Soil (Total Soluble Sulphate, Chlorides, Organic Matter) and determination of Organic material in soil by wet combustion.	12.00	Each
15.00	Chemical Analysis of Ground Water if encountered (pH, Total Soluble Sulphate, Chlorides).	12.00	Each
16.00	Transportation of Equipments and soil sample collection charges, Visting charges, formulating borehole / test spots location plan, submission of detailed soil investigation report for Apron Extension Area and Boundary Wall (03 nos. sets in booklet form and 01 no. soft copy) making recommendations and suggestions complete as per particular specifications and directions of Engineer-in-Charge.	1.00	Job
17.00	(i) Mobilization of necessary equipment and manpower for survey work, conducting topographical survey using GPS based survey equipment (Electronic total station / D.G.P.S etc.) with reference to permanent bench mark 'ARP' (Airport Reference Point), of proposed site of Extension of Apron at Srinagar Airport as directed by Engineer-in-Charge and taking spot levels in 6mtr x 6mtr grid (Closer grids may be adopted in locations where abrupt/ sudden level differences are observed) and submission of contour maps with a contour interval of 0.50m. The survey data should include the location and all geographical details of various structures and other infrastructure like perimeter walls and roads, rock boulders, watch huts, watch towers, buildings, drains, drain outlets, electric poles, pathways, ditches, abrupt level differences in the form of depressions or mounts, trees with numbering, embankment including pitching, horizontal and vertical fences, and other relevant structures/features. (ii) Submission of 3 nos. (three) sets of Topographic plan and contour map in size not less than A0, with all spot levels in the scale of 1:1000 showing all topographic features, along with the original data (soft copy- CAD and GPS data file in compact disc).	6.00	Acres
18.00	Providing of tentative finished floor level (FFL) of Apron Extension Area in accordance with DGCA CAR / Annex-14 requirements and to match with finished levels of adjacent existing Apron, working out of tentative quantity of cutting and filling of earth required in Apron Extension Area to arrive at proposed finished floor level (FFL) as per specifications and directions of Engineer-in-Charge.	1.00	Job

2000.00	100000.00	77.00	3850.00	1500.00	75000.00	500.00	25000.00	300.00	15000.00
1000.00	11000.00	77.00	847.00	900.00	9900.00	500.00	5500.00	150.00	1650.00
2000.00	12000.00	77.00	462.00	3500.00	21000.00	500.00	3000.00	600.00	3600.00
200.00	2000.00	77.00	770.00	350.00	3500.00	500.00	5000.00	150.00	1500.00
1000.00	12000.00	77.00	924.00	1800.00	21600.00	500.00	6000.00	300.00	3600.00
1000.00	12000.00	77.00	924.00	1800.00	21600.00	1000.00	12000.00	300.00	3600.00
50000.00	50000.00	377777.00	377777.00	40000.00	40000.00	1449000.00	1449000.00	60000.00	60000.00
20000.00	120000.00	20000.00	120000.00	5000.00	30000.00	500.00	3000.00	15000.00	90000.00
10000.00	10000.00	100000.00	100000.00	20000.00	20000.00	500.00	500.00	4500.00	4500.00

3850.00	SWAYIN AND ASSOCIATES
847.00	SWAYIN AND ASSOCIATES
462.00	SWAYIN AND ASSOCIATES
770.00	SWAYIN AND ASSOCIATES
924.00	SWAYIN AND ASSOCIATES
924.00	SWAYIN AND ASSOCIATES
40000.00	M/S MOUNT GEO TECHNICAL SERVICES PVT LTD
3000.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED
500.00	BHASKRAM JYOTISH ANUSANDHAN KENDRA PRIVATE LIMITED

19.00	Transferring of Reduced Level (RL) of Airport Reference Point (ARP) situated inside IAF Area to a designated location near AAI Apron extension area as well as in AAI Residential Colony Area as directed by Engineer-in-Charge (EIC) by means of Total Station or suitable surveying equipment and establishing a permanent bench mark in accordance with CPWD specifications and directions of Engineer-in-Charge.	1.00	Job
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10000.00	10000.00	50000.00	50000.00	20000.00	20000.00	500.00	500.00	4500.00	4500.00
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500.00	BHASKRAM JYOTISH ANUSANDH AN KENDRA PRIVATE LIMITED
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Total in Figures

1250000.00

1677011.00

1303800.00

1648000.00

1639650.00

Lowest Amount Quoted BY: GEO MEDIA ENGINEERING AND CONSULTANCY SERVICES PRIVATE