NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED

NESPAK HOUSE: 1-C, Block-N, Model Town Extension, Lahore - 54700, Pakistan



Ref: SA-460/02A/IUH/01/0977

Date: December <u>01</u>, 2022

RAVI RIVERFRONT URBAN DEVELOPMENT PROJECT (RRUDP) RIVER TRAINING WORKS AND BARRAGES (PACKAGE 2A & 5)

Invitation of Bids for Geotechnical Investigations (Field and Laboratory Works)

Dear Sir,

Sealed bid (Technical and Financial in separate sealed envelopes) are invited in accordance with the attached BOQs (for two packages i.e. Package 2A & 5, separately) and qualification criteria from drilling Contractors/Companies for carrying out the geotechnical investigations for the subject project.

The companies capable of carrying out subject work are requested to provide their Company's Profile and the following documents along with their sealed bids:

- 1. PEC Registration Certificate
- 2. FBR & PRA Registration Certificates
- 3. List of Similar Projects completed during last three years
- 4. Financial Capability
- 5. Equipment Capability
- 6. Personnel Capability
- 7. Litigation History
- HSE Policies

The work comprises; execution of boreholes up to 10 m depth below existing ground level (EGL) in overburden soils by Straight Rotary/heavy percussion boring equipment, excavation of testpits, performance of SPTs in boreholes, performance of field density tests, collection of disturbed/undisturbed soil samples, performance of field permeability tests, collection of water samples and laboratory testing of selected soil/water samples. The field and laboratory work shall have to be completed according to the following time schedule:

Package	Minimum No. of	Time for	Time for	Total Time
No.	Straight Rotary	Completion	Completion	for
	Rig / Heavy	of Field	of	Completion
	Percussion Boring	Investigations	Laboratory	of Field &
	Equipment		Testing	Laboratory
	Required			Investigations
Package 2A	1	10 days	14 days	24 days
Package 5	1	16 days	14 days	30 days

Your bid shall be valid for a time period of ninety (90) days after the bid opening. If one Contractor happens to be the lowest in more than one packages, then he may be awarded one or more packages depending on his capability to undertake such large work with tight time schedule. The work shall be executed under the instructions and full-time supervision of NESPAK engineers/geologists and the successful bidder shall mobilize to the site on two days' notice after issuance of Letter of Award/Acceptance.

Telephone: +92-42-99090000

E-mail: info@nespak.com.pk

Website: www.nespak.com.pk

Fax: +92-42-99231950

P.O.Box: 1351, Lahore, Pakistan





The coordinates and ground elevations of all the investigation points by total station shall have to be provided to NESPAK before completion of investigation at site by the Contractor. The approved laboratory, where testing is to be carried out, shall be pursued by the successful bidder for timely completion of the assigned laboratory testing.

The successful bidder shall be responsible for providing the field borehole logs, summary of laboratory test results and detailed laboratory test results to NESPAK, within the contract period. A premium of up to 25% will be admissible on the official rates of the soil laboratory, selected for testing of samples. This premium has been allowed as compensation to the Contractor for making advance payment to the laboratory and later following-up for obtaining test results in time. The name of the laboratory should be provided in BOQ.

The bidders shall submit a bid security for each package, separately, as per following table, at the time of submission of bids in the form of pay order or bank draft in favor of M/s NESPAK.

Package No.	Bid Security (Rs.)
Package 2A	15,000/-
Package 5	25,000/-

Your most competitive sealed bids (inclusive of all taxes) in accordance with the BOQs and qualification criteria, should reach the office of the undersigned by 1400 hours on or before December 20, 2022. Technical bids would be opened on the same day at 1430 hours after their receipt in the presence of those bidders who wish to be present.

Financial bids would be opened after evaluation of Technical bids, at a time, date and venue announced and communicated to the technically responsive bidders in advance. However, the final decision to accept/reject any or all the bids as per PPRA rules solely lies with the undersigned. The entire work shall be carried out in accordance with the requirements of the General Bidding Documents for Geotechnical Investigations available at NESPAK website (www.nespak.com.pk). Payment of the entire work shall be made by NESPAK after receipt of its fee from Client.

for National Engineering Services Pakistan (Pvt.) Limited

Vice President/Head

Geotechnical & Geoenvironmental Engineering Division

PACKAGE 2A: RIVER EMBANKMENT GEOTECHNICAL INVESTIGATIONS

BILL OF QUANTITIES

A PIELD INVESTIGATIONS All ability accessories at site including shifting from one investigation point to another. The equipment shall be sufficient to complete the investigations within the time schedule. L.S. Job Lixecution of Six (06) boreholes upto a maximum depth of 10 m in soils below existing ground level by straight rotary drilling method including backfilling of boreholes to their original position using cement-sand-bentonite mix. Performance of Standard Penetration Tests (SPTs) in boreholes along with collection of SIT samples at 1 m interval in general, or as necessary, including their labelling, packing storage & transportation to an approved testing laboratory. Performing field permeability test in boreholes using constant head or falling head method, by drilling a separate borehole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of land auger / light percussion, drilling of holes as well as backfilling of holes to their original position using centent-sand-bentonite mix are also included in this item. A5 samplers, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory. A6 Excavation of Five (05) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including backfilling of pits to original condition. A7 Collection of undisturbed block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing, storage & transportation to an approved laboratory. Performance of field density tests by sand replacement method in testpits generally @ 1-2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small distributed samples in moisture tens for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved laboratory. A8 Collection of composite bulk soil samples from testpits (minimum weight 60-120 kg)	Sr. No.	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
All idid accessories at site including shifting from one investigation point to another. The equipment shall be sufficient to complete the investigations within the time schedule. All invention of Six (06) boreholes upto a maximum depth of 10 m in soils below existing ground level by straight rotary drilling method including backfilling of boreholes to their original position using cement-sand-bentonite mix. All Performance of Standard Penetration Tests (SPTs) in boreholes along with collection of SPT samples at 1 m interval in general, or as necessary, including their labelling, packing, storage & transportation to an approved testing laboratory. Performing field permeability test in boreholes using constant head or falling head method, by drilling a separete borehole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of hand auger // light percussion, drilling of holes as well as backfilling of holes to their original position using cement-sand-bentonite mix are also included in this item. Collection of undisturbed soil samples from boreholes through Shelby/Denison/Pitcher samplexs, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory. All Collection of undisturbed block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing storage & transportation to an approved laboratory. All Collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved laboratory. All Collection of 'Composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. All Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved laboratory.		FIELD INVESTIGATIONS			(04.37)	(4634)
A2 ground level by straight rotary drilling method including backfilling of borchotes to their original position using cement-sand-bentonite mix. A3 Performance of Standard Penetration Tests (SP1s) in borcholes along with collection of SPT samples at 1 m interval in general, or as necessary, including their labelling, packing, storage & transportation to an upproved testing laboratory. Performing field permeability test in borcholes using constant head or falling head method, by drilling a separete borchole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of hand auger 1 No. 4 light percussion, drilling of holes as well as backfilling of holes to their original position using cement-sand-bentonite mix are also included in this item. A5 samplers, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory. A6 Excavation of Five (05) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including backfilling of pits to original condition. A7 Collection of undistrated block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing, storage & transportation to an approved laboratory. Performance of field density tests by sand replacement method in testpits generally @ 1-2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory. A9 Collection of Composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. No. 3 A10 Collection of Water samples (if encountered) from borcholes and mullah including their labelling, packing, storage & transportation to an approved leaboratory. No. 3	ΔI	allied accessories at site including shifting from one investigation point to another. The		Job		
A3 SPT samples at 1 m interval in general, or as necessary, including their labelling, packing, storage & transportation to an approved testing laboratory. Performing field permeability test in boreholes using constant head or falling head method, by drilling a separete borehole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of hand auger / light percussion, drilling of holes as well as backfifting of holes to their original position using cement-sand-bentonite mix are also included in this item. Collection of undisturbed soil samples from boreholes through Shelby/Denison/Pitcher samplers, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory. Excavation of Five (05) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including backfilling of pits to original condition. 7. Collection of undistribed block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing, storage & transportation to an approved laboratory. 8. Performance of field density tests by sand replacement method in testpits generally (2) 1-2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory. 8. A9 Collection of Composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. 8. No. 3 8. No. 3 8. No. 3 8. No. 3 8. Oldection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved laboratory.	A2	ground level by straight rotary drilling method including backfilling of boreholes to their	1	60		
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A5 samplers, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory. A6 Excavation of Five (05) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including backfilling of pits to original condition. A7 Collection of undistrabed block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing, storage & transportation to an approved laboratory. Performance of field density tests by sand replacement method in testpits generally (20 1-2) tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory. A9 Collection of composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. Excavation of Three (03) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory. A11 Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved laboratory. No. 3	Λ4	by drilling a separete borehole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of hand auger / light percussion, drilling of holes as well as backfilling of holes to their original position	No.	4		
of ground including backfilling of pits to original condition. 1	Λ5	samplers, including their waxing, labelling, packing, storage & transportation to an	No.	12		
their waxing, labelling, packing, storage & transportation to an approved laboratory. Performance of field density tests by sand replacement method in testpits generally @ 1-2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory. No. 10 Collection of composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. Excavation of Three (03) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory. All Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved testing laboratory. No. 3	Λ6		L.M.	15		
A8 collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory. A9 Collection of composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory. Excavation of Three (03) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory. Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved laboratory. No. 3	۸7		No	3		
Excavation of Three (03) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory. Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved testing laboratory.	A8	tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to	No.	10	Sec.	
top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory. All Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved testing laboratory. 3	A9		No	5		
labelling, packing, storage & transportation to an approved testing laboratory.	Λ10	top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved		3		
Sub-Total A Rs.	AH		No.	3		
		Sub-Total A	Rs.			

Establishment of coordinates and ground elevations of all the borcholes and testpits using Total Station are included in the scope of work. The coordinates should be provided with reference to a permanent local bench mark.

All soil samples must be labelled, stored and transported as per ASTM. The area ratio and clearance ratio of the thin walled tube, should strict compliance with relevant ASTM standard.

Pick and Drop (residence to site and site to residence as well as movement at site from one investigation point to a requirement of site) of consultant's staff via car shall be arranged by the contractor.

PACKAGE 2A: RIVER EMBANKMENT

GEOTECHNICAL INVESTIGATIONS

BILL OF QUANTITIES

Sr.	Description	Unit		Rate (Rs.)	Amount (Rs.)
B.	LABORATORY TESTING				
13.1	Sieve analysis	No.	36		
B2	Hydrometer analysis	No.	13		
В3	Liquid and plastic limits	No.	6		
134	Natual Moisture Content	No.	13		
B5	Bulk density & dry density	No.	6		
В6	Direct Shear (Soil Samples)	No.	12		
B7	Consolidation with Swell Pressure Measurements	No.	3		
В8	Triaxial Compression Test-UU (Soil Sample)	No.	3		
В9	Modified AASIITO Compaction	No.	10		
B10	Permeability Test	No.	3		
B11	Sulphate content of soil	No.	3		
B12	Chloride content of soil	No.	3		
B13	Organic matter content of soil	No.	3		
B14	Complete chemical analysis of water samples i/c TDS, CI, SO4 & pH	No.	3		
	Sub-Total B	Rs.		-	
	Sub- Total B	.1		Rs.	

Name of Laboratory:		
	Total (A+B)=	Re



PACKAGE 5: RIVER EMBANKMENT GEOTECHNICAL INVESTIGATIONS

BILL OF QUANTITIES

Sr. No.	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
A.	FIELD INVESTIGATIONS			(1-27)	(1007)
ΛI	Mobilization and demobilization of at least one (1) straight rotary drilling rig alongwith allied accessories at site including shifting from one investigation point to another. The equipment shall be sufficient to complete the investigations within the time schedule.		Job	= -	
A2	Execution of Eleven (11) boreholes upto a maximum depth of 10 m in soits below existing ground level by straight rotary drilling method including backfilling of boreholes to their original position using cement-sand-bentonite mix.		110		
Λ3	Performance of Standard Penetration Tests (SPTs) in boreholes along with collection of SPT samples at 1 m interval in general, or as necessary, including their labelling, packing, storage & transportation to an approved testing laboratory.		85		
Λ4	Performing field permeability test in boreholes using constant head or falling head method, by drilling a separete borehole adjacent to original location using hand auger up to about 10m below existing ground level. The mobilization and demobilization of hand auger / light percussion, drilling of holes as well as backfilling of holes to their original position using cement-sand-bentonite mix are also included in this item.	No.	6		
Α5	Collection of undisturbed soil samples from boreholes through Shelby/Denison/Pitcher samplers, including their waxing, labelling, packing, storage & transportation to an approved testing laboratory.		22		
Λ6	Executation of Eight (08) testpits of 3×3 m square upto a maximum depth of 3 m below top of ground including backfilling of pits to original condition.	L.M.	24		
Λ7	Collection of undistribed block samples (30cm x 30cm x 30cm) from testpits including their waxing, labelling, packing, storage & transportation to an approved laboratory.	No.	4		
A8	Performance of field density tests by sand replacement method in testpits generally @ 1-2 tests/pit at selected horizons, including determination of in-situ bulk and dry density and collection of small disturbed samples in moisture tins for moisture content determination in laboratory by oven drying method as well as labelling, packing, storage & transportation to an approved testing laboratory.	No.	16		
Λ9	Collection of composite bulk soil samples from testpits (minimum weight 60-120 kg) including their labelling, packing, storage & transportation to an approved laboratory.	No.	8		
01A	Excavation of Four (04) testpits of 3 x 3 m square upto a maximum depth of 3 m below top of ground including collection of borrow area samples (minimum weight 50-100 kg.) for earthwork including their labelling, packing, storage & transportation to an approved laboratory.	No	4		
۸Π	Collection of water samples (if encountered) from boreholes and nullah including their labelling, packing, storage & transportation to an approved testing laboratory.	No.	4		
	Sub-Total A	Rs.			

Establishment of coordinates and ground elevations of all the boreholes and testpits using Total Station are included in the scope of work. The coordinates should be provided with reference to a permanent local bench mark.

All soil samples must be labelled, stored and transported as per ASTM. The area ratio and clearance ratio of the thin walled tube, should be in strict compliance with relevant ASTM standard.

Pick and Drop (residence to site and site to residence as well as movement at site from one investigation point to another requirement of site) of consultant's staff via car shall be arranged by the contractor.

PACKAGE 5: RIVER EMBANKMENT

GEOTECHNICAL INVESTIGATIONS

BILL OF QUANTITIES

Sr.	Description	Unit		Rate (Rs.)	Amount (Rs.)
B.	LABORATORY TESTING				
В1	Sieve analysis	No.	62		
B2	Hydrometer analysis	No.	21		
В3	Liquid and plastic limits	No.	11		
134	Natual Moisture Content	No.	21		
B5	Bulk density & dry density	No.	11		
В6	Direct Shear (Soil Samples)	No.	22		
В7	Consolidation with Swell Pressure Measurements	No.	4		
В8	Triaxial Compression Test-UU (Soil Sample)	No.	4		
139	Modified AASHTO Compaction	No.	16		
B10	Permeability Test	No.	4		
B11	Sulphate content of soil	No.	4		
B12	Chloride content of soil	No.	4		
B13	Organic matter content of soil	No.	4		
1314	Complete chemical analysis of water samples i/c TDS, Cl, SO4 & pH	No.	4		
	Sub-Total B	Rs.		•	
	Sub- Total B Rs.				

Name of Laboratory:		
	Total (A+B)=	Rs.



1. Qualification Criteria

Qualification will be based on the criteria given in the following paras regarding the Applicant's experience, personnel and equipment capabilities, financial position and litigation history, as demonstrated by the Applicant's responses in the Forms attached as Annex-A to this Document. The Employer reserves the right to waive minor deviations, if these do not materially affect the capability of an Applicant to perform the contract by the Applicant.

Experience and resources of the Company intended to be employed as sub-contractor shall not be taken into account in determining the Applicant's compliance with the qualifying criteria. However, for joint venture, collective experience, resources and financial soundness of all partners shall be considered.

1.1 General Information

The Applicant shall provide general information of his firm as per the format specified in the Application Form A-I attached in Annex-A.

1.2 Experience of the Firm

The Applicant shall meet the following minimum criteria:

Successful experience as contractor in the execution of at least five (5) projects involving bulk of geotechnical investigations within the last three (03) years. This experience should specifically be of geotechnical investigations of similar nature. The Applicant will supply information as per the format specified in the Application Form A-2 attached in Annex-A.

1.3 Personnel Capabilities

The Applicant must have in his employment, suitably qualified and experience personnel to fulfill the positions tabulated below. The Applicant will supply information as per the format specified in the Application Form A-3 attached in Annex-A.

Sr. No.	Position	Qualification*	No.	Minimum Experience (Years)
1	Technical Manager	B.Sc. Civil Engg.	1	5
2	Site Geologist/ Supervisor / Engineer	M. Sc. Geology/ B.Sc. Civil Engg. / B.Sc. Geological Engg.	2	2
3	HSE Supervisor	HSE Certification course	ı	I
4	Driller	Literate	2	3
5	Skilled Labor	-	As Required	-



1.4 Equipment Capabilities

The Applicant should own, or have assured access to the following key items of equipment in full working order, and must demonstrate that, based on known commitments, these will be available for deployment on the proposed works.

Sr. No.	Equipment Type & Characteristics	Minimum Number
140.		Required
-	Straight Rotary Drilling rig complete in all respects including drilling rods, bits, mud pumps etc. along with at least one stand-by rig. The equipment shall be capable to complete the investigations within the time schedule.	2
2	Percussion Boring Set (>250 mm diameter), complete in all respects including tripod, chisel / bit etc.	1
3	Hand Auger / Light Percussion Boring Equipment complete in all respect.	2
4	Casing set having various diameters for all types of boring at least 10 m in length with easing bits.	2
5	Standard penetration test equipment complete in all respects including all rods, split spoon sampler, hammer and containers etc.	2
6	Shelby/Denison/Pitcher samplers	2 -
7	UDS tubes & Split Spoon Samplers	As Required
8	Hydraulic jacks with all accessories for the extraction of casings	l l
9	Electrically operated sounder for groundwater level measurement	1
10	Test pit excavation equipment complete in all respect	As Required
11	Field density test apparatus complete in all respect as per relevant ASTM standard.	2 each
12	Wooden box for the preservation of undisturbed soil samples	As required
13	Field Permeability Test Equipment	2
14	Transport for mobilization of equipment	As required

The Applicant will supply information as per the format specified in the Application Form A-4 attached in Annex-A.

1.5 Financial Capabilities

The Applicant shall meet the following minimum criteria:

Average annual turnover which is also termed as income from contracting for procure of geotechnical investigations and is defined as billing for works completed turing the last three (3) years of at least Rs. 2 million or the said figure has been achieved to year during the last three (3) years.

The Applicant shall also provide evidence of financial health such as bank account statements,

available line of credits, etc., to show the soundness of the Applicant's financial position for procurement of geotechnical investigations works. The Applicant will provide annual turnover of the geotechnical investigation works carried out by him during the last three years. The Applicant will supply annual turnover information as per the format specified in the Application Form A-5 attached in Annex-A.

1.6 Litigation History

The Applicant should provide accurate information on any litigation or arbitration resulting from Contracts completed or under execution over the last three (03) years. The Applicant will supply information as per the format specified in the Application Form A-6 attached in Annex-A. A consistent/ overwhelming history of litigation against the Applicant may result in rejection of the application. In case an Applicant claims Nil litigation, he shall submit the same statement on the letter head of his company.

1.7 Application of Health, Safety and Environmental Standards

The Applicant should provide the HSE Policies and supporting documentary evidence for the following:

- i) First Aid Box
- ii) Personnel Protective Equipments (PPEs)
- iii) Standard Operating Procedures (SOPs)
- iv) Health, Safety and Environmental (HSE) Policies
- v) HSE staff

The Applicant will supply information as per the format specified in the Application Form A-7 attached in Annex-A.



Application Form A-1

Page_	of	Pages

General Information

All individual Applicants applying for qualification are requested to complete the information in this form. Nationality information (if applicable) is also to be provided for foreign owners as required under the PEC Bye-Laws as a Partnership.

1,	Name of Firm	
2.	Head Office Address	
3.	Telephone	Contact Person: Name: Title: Cell No.
4.	Fax	E-mail
5.	Place of Incorporation/Registration Certificates of the firm*	Year of incorporation/registration

- * Registration certificates must include:
- Valid registration with Pakistan Engineering Council (PEC)
- Valid registration with Federal Board of Revenue (FBR)
- Valid registration with concerned Provincial Revenue Authority (PRA)
- Proof of active taxpayer of FBR & PRA



Application Form A-2	PageofPages
Experience of the Firm	
Name of Applicant:	1910

Sr. No.	Name of Project	Value of Geotech Contract*	Contract Duration
		(Pak Rs.)	
•	31		
	=		
_			

^{*}Attach copy of Letter of Awards / Project Completion Certificates for any five (5) latest involving bulk of geotechnical investigations within the last three (03) years.

Application Form A-3	PageofPages
Personnel Capabilities	
Name of Applicant:	

Sr. No.	Name of Person	Qualification	Designation/ Position*	Total Experience
		11.4.69		
				Se al

^{*}Attach CVs of the Key Staff Members.

Application Form A-4	Page	_ of	_Pages
Equipment Capabilities			
Name of Applicant:			

Sr. No.	Equipment Description	Capacity	Number of Equipment	Working Condition a) Very good b) Good	Current Location
				b) Good c) Satisfactory	
					= 22
	a week up.				
	- Wang (-			
				17.	

Application Form A-5	PageofPages
Financial Capabilities	
Name of Applicant:	Ma

Year	Annual Turnover (in PKR)
2020 – 2021	
2019 – 2020	
2018 – 2019	

Note: Financial soundness certificate from the bank(s) as specified in section 1.5 must be provided by the Applicant



Application Form A-6	PageofPages
Litigation History	
Name of Applicant	

	,	
Fig. 1		



Apr	olica	tion	Form	A-7
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Health, Safety and Environmental (HSE) Policies Personal Protective Equipment (PPE) and Standard Operating Procedures (SOP) of the Contractor

Name of Applicant:	
The Applicant should provide the following policies/supporting documentary evidence a required in Para 1.7.	38

A. HSE Policies

Please attach HSE Policies

B. Details of PPE Available with the Contractor

Sr. No.	Type of PPE	Total Number

C. Details of SOPs of the Contractor

Please attach the copies of SOPs

