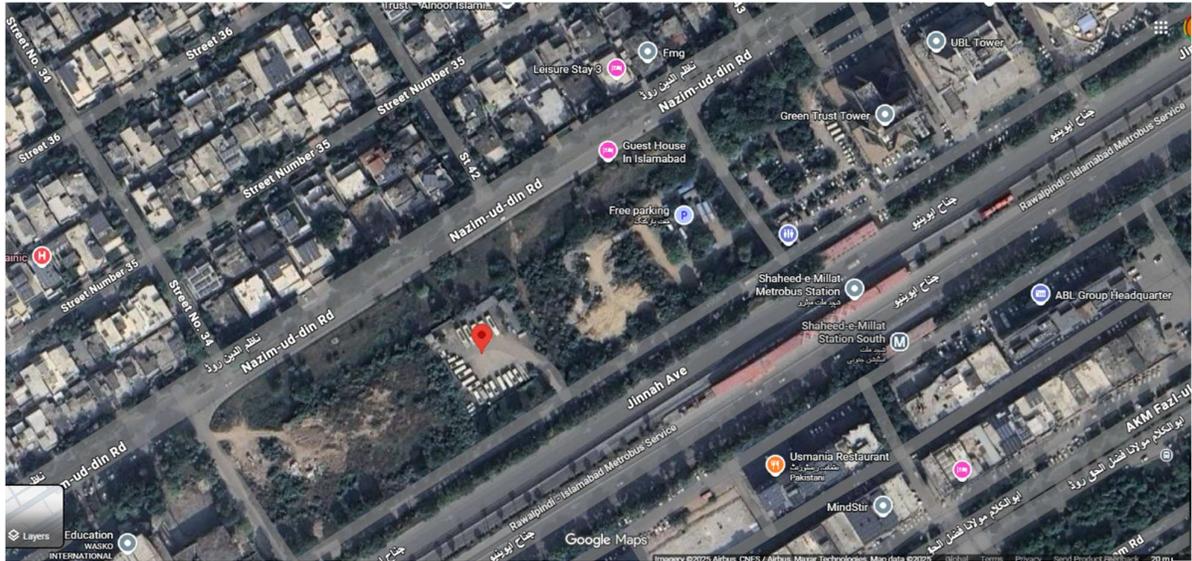




GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF NADRA HQ BUILDING AT PLOT NO. 57-B, BLUE AREA, F-6, ISLAMABAD



BIDDING DOCUMENTS

December, 2025



NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LIMITED
NESPAC House, Sector G-5/2, Islamabad, TEL: 051-9221910-13 Fax: 051-922191

NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LIMITED
Nespak House, Sector G-5/2, Islamabad-Pakistan.



Ref. No. 44056/321/MZA/01/1577

December 11, 2025

**GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF NADRA HQ
BUILDING AT PLOT NO. 57-B, BLUE AREA, F-6, ISLAMABAD**

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

Dear Sir / Madam,

Bids (Technical and Financial in separate sealed envelopes) are invited through EPADs (in accordance with the Bill of Quantities (BOQ) and Qualification Criteria uploaded on EPADs) 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
8. HSE Policies

The work comprises; execution of boreholes up to 50 m depth below existing ground level (EGL) by straight rotary drilling / percussion boring method, core drilling in bed rock, performance of SPTs in boreholes, collection of disturbed/undisturbed soil samples, collection of rock core samples, collection of water samples and laboratory testing of selected soil/rock/water samples as well as preparation of Geotechnical Investigation Report. The field and laboratory work shall have to be completed according to the following time schedule:

S/N	Minimum No. of Straight Rotary Drilling Rigs / Percussion Sets Required	Time for Completion of Field Investigations	Time for Completion of Lab. Testing & Preparation of Geotechnical Investigation Report	Total Time for Completion of Field & Lab. Investigations & Submission of Geotechnical Investigation Report
1	2	15 Days	10 Days	25 Days

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Your bid shall be valid for a time period of ninety (90) days after the bid opening. **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 three (03) days' notice after issuance of Letter of Award/ Acceptance.**

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, detailed laboratory test results and detailed Geotechnical Investigation Report along with recommendation of foundation to NESPAK, within the contract period.

The basis of payment shall be the actual work carried out and approved by the Engineer, as measured by the Contractor and certified by the Engineer and valued at the rate and prices quoted by you in your bid. **The bidders shall submit a bid security amounting to Rs 45,000/- (Rupees Forty-Five Thousand Only) along with Bid in the form of a pay order or bank draft in favor of M/s NESPAK.**

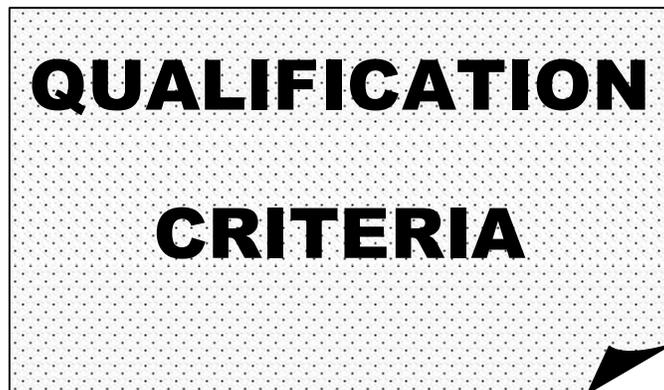
Your **most competitive** sealed bids (inclusive of all taxes including sales tax) in accordance with the BOQ and qualification criteria, must be submitted through EPADs by the date and time given in Advertisement. Technical Bids would be opened on the same day at 1130 hours after their receipt in the 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 bidding process and the execution of entire work shall be carried out in accordance with the terms and conditions of the General Bidding Documents for Geotechnical Investigations available at NESPAK website (www.nespak.com.pk).

for National Engineering Services Pakistan (Pvt.) Limited


MUHAMMAD ZAFAR AMAN
General Manager / Head

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**QUALIFICATION
CRITERIA**

GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF NADRA HQ BUILDING AT PLOT NO. 57-B, BLUE AREA, F-6, ISLAMABAD

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-1 attached in Annex-A.

1.2 Experience of the Firm

The Applicant shall meet the following minimum criteria:

- 1) 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.

S/N	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.	1	2
3	HSE Supervisor	HSE Certification course	1	1
4	Driller	Literate	1	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 Required
1	Straight Rotary Drilling rigs 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 obtain core recovery more than 80 percent and 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	Casing set having various diameters for all types of boring at least 70 m in length with casing bits.	2
4	Standard penetration test equipment complete in all respects including all rods, split spoon sampler, hammer and containers etc.	2
5	Core barrels (double tube) including coring and casing bits.	As required
6	Shelby/Denison/Pitcher samplers	1 each
7	UDS tubes & Split Spoon Samplers	As Required
8	Hydraulic jacks with all accessories for the extraction of casings	1
9	Electrically operated sounder for groundwater level measurement	1
10	Wooden box for the preservation of undisturbed soil/rock samples	As required
11	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:

- 1) Annual turnover which is also termed as income from contracting for procurement of geotechnical investigations and is defined as billing for works completed during the last three (3) years of at least Rs. 5.0 million. Documentary proofs of the same shall be submitted in the form of letter of awards, completion certificates, etc.

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 Equipment's (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.

Annex – A

Application Form A-1
___ Pages

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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
6.	Name of Laboratory, where tests would be performed	

*** Registration certificates must include:**

- Valid registration with Pakistan Engineering Council (PEC)
- Valid registration with Federal Board of Revenue (FBR) & PRA
- Proof of active taxpayer of FBR & PRA

Application Form A-5
___ Pages

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Financial Capabilities

Name of Applicant:

Year	Annual Turnover (in PKR)
2021 - 2022	
2020 – 2021	
2019 – 2020	

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

BILL OF QUANTITIES (BOQ)

**GEOTECHNICAL INVESTIGATIONS FOR CONSTRUCTION OF NADRA HQ
BUILDING AT PLOT NO. 57-B, BLUE AREA, F-6, ISLAMABAD****BILL OF QUANTITIES (BOQ)**

S/N	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
A.	FIELD INVESTIGATIONS				
A1	Mobilization and demobilization of at least Two (02) straight rotary drilling rig / percussion boring equipment along with allied accessories at site including making temporary access to investigation points (if required), setting up of drilling equipment and shifting of equipment from one investigation point to another. The equipment shall be adequate in quantity to meet the time scheduled. Preparation of temporary access route (if needed) from one investigation point to another is also included in this item.	L.S.	Job		
A2	Execution of One (01) borehole upto a maximum depth of Fifty (50) meters, One (01) borehole upto a maximum depth of Forty (40) meters & Two (02) boreholes upto a maximum depth of Thirty (30) meters below NSL in over burden soils or up to rock strike level whichever is meet earlier by straight rotary drilling/ percussion boring method, including backfilling of boreholes to their original position using cement and sand bentonite mix. Minimum permissible diameter of bore hole is 101 mm for straight rotary method. The Scope of work shall also include logging of Boreholes by a Professional Geologist / Geotechnical Engineer, Labelling, preservation, transportation and photography of the soil and rock samples.	L.M.	150		

S/N	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
A3	Continue core drilling (NX/NQ size in general) in bedrock up to a maximum depth of 5m below rock strike level, including preservation of rock samples in core boxes, waxing of core samples, photography of rock cores and transportations of core samples to the laboratory.	L.M.	20		
A4	Performance of Standard Penetration Tests (SPTs) in boreholes along with collection of SPT samples at 1 m depth interval in general, or as specified by the Consultant Representative at site, including their labelling, packing, storage & transportation to an approved material testing laboratory.	No.	122		
A5	Collection of relatively undisturbed soil samples from boreholes through Shelby / Denison / Pitcher samplers, including their waxing, labelling, packing, storage and transportation to an approved testing laboratory.	No.	8		
A6	Collection of water samples (if encountered) from boreholes including their labelling, packing, storage & transportation to an approved testing laboratory.	No.	2		
	Total-A			Rs.	

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

S/N	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
B.	LABORATORY TESTING				
B1	Sieve analysis	No.	20		
B2	Hydrometer analysis	No.	8		
B3	Liquid and plastic limits	No.	10		
B4	NMC, Bulk density & dry density	No.	8		
B5	Consolidation with Swell Pressure Measurements	No.	6		
B6	Uniaxial Compression	No.	8		
B7	Point Load Strength Index on Rock Samples	No.	8		
B8	Direct Shear Test	No.	8		
B9	Unconfined Compression	No.	8		
B10	Chemical Analysis of Soil Samples i/c sulphate, chloride, CaCO ₃ organic matter and pH	No.	2		
B11	Complete chemical analysis of water samples i/c TDS, Cl, SO ₄ & pH	No.	2		
	Total-B				
C.	GEOTECHNICAL INVESTIGATION REPORT				
C	Preparation of Complete Geotechnical Investigation Report along with conclusions/recommendations, type of footings and bearing capacity recommendations at various depth and recommendations of deep excavation support system.	No.	1		
	Total-C				

	Net Total (A+B+C)=	Rs.	
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