

**QUALIFICATION CRITERIA OF BIDDING CONTRACTORS
FOR
GEOTECHNICAL INVESTIGATIONS
FOR
PREPARATION OF FEASIBILITY STUDY OF THAR CANAL PROJECT**

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 / her 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.

Sr. No.	Position	Qualification*	Minimum No. Required	Minimum Experience (Years)
1	Technical Manager	B.Sc. Civil Engg.	1	8
2	Site Geologist/ Supervisor / Engineer	M. Sc. Geology/ B.Sc. Civil Engg. / B.Sc. Geological Engg.	3	3
3	HSE Supervisor	HSE Certification course	1	1
4	Driller	Literate	4	3

5	Skilled Labor	-	As required	-
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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.	4
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 15 m in length with casing bits.	4
4	Core barrels (single tube & double tube) including coring and casing bits	2 each
5	Standard penetration test equipment complete in all respects (i.e. as per ASTM requirements) including all rods, split spoon sampler, hammer and containers etc.	6
6	Denison/Pitcher/Shelby samplers and tubes	10 each
7	Hydraulic jacks with all accessories for the extraction of casings	2
8	Electrically operated sounder for groundwater level measurement	1
9	Test pit excavation equipment, complete in all respects	2
10	Field density test (FDT) apparatus complete in all respect as per ASTM requirements-	4
11	Field permeability / water pressure test apparatus complete in all respects including hand auger apparatus for drilling.	2
12	Wooden box for the preservation of undisturbed soil samples	As required
13	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. 30.0 million** or the said figure has been achieved in any 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 award 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 (PPEs)
- iii) Standard Operating Procedures (SOPs)
- iv) Health, Safety and Environmental (HSE) Policies
- v) HSE staff

Application Form A-1

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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

*** 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
- Proof of active taxpayer of concerned Provincial Revenue Authority (PRA)

Experience of the Firm

Name of Applicant: _____

Sr. No.	Name of Project	Value of Geotechnical Contract* (Pak Rs.)	Contract Duration	Year

**Attach copy of Letter of Awards / Project Completion Certificates for any five (5) latest projects.*

Personnel Capabilities

Name of Applicant: _____

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

***Attach CVs of the Key Staff Members.**

Equipment Capabilities

Name of Applicant: _____

Sr. No.	Equipment Description	Capacity	Number of Equipment	Working Condition a) Very good b) Good c) Satisfactory	Current Location

Financial Capabilities

Name of Applicant: _____

Year	Annual Turnover* (in PKR)
2022 - 2023	
2021 - 2022	
2020 - 2021	

*** Evidence of financial health:**

- Bank account statements or Return of income file with Federal Board of Revenue (FBR) or - Audited account statements
- Available line of credit or financial soundness certificate from the bank(s)

Litigation History

Name of Applicant: _____

Year	Award for or against Applicant	Name of Client, cause of litigation, and matter in dispute	Disputed amount (current value Pak Rs. or equivalent)

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 as required in Para 1.7.

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