

Ref: 4391/022/MA/01/

Date: November 13, 2023

**Review & Updating of Feasibility Study, Detailed Engineering Design, Preparation of Tender Documents & PC-1 of Bara Dam Multipurpose Project, District Khyber Pakhtunkhwa**

**INVITATION OF BIDS FOR GEOTECHNICAL INVESTIGATIONS  
(FIELD AND LABORATORY WORKS)**

Sealed bids (**Technical and Financial in separate sealed envelopes**) are invited in accordance with the attached **Technical specifications, BOQs 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 as qualification criteria along with their sealed bids.

The work comprises drilling 21 boreholes with total drilling depth of 1480m in soil/rock upto maximum depth from 25m to 100m using straight rotary drilling method, , performance of SPTs & field permeability tests in boreholes, collection of disturbed/undisturbed soil samples, performance of packer test, excavation of Fifteen (15) testpits (3m x3m) up to a maximum depth of 3.0 m, performance of field density tests in testpits 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:

| <b>Minimum No. of<br/>Straight Rotary Drilling Rigs/<br/>Percussion Boring Sets<br/>Required</b> | <b>Total Time for<br/>Completion of Field<br/>Investigations</b> | <b>Total Time for Completion<br/>of Field &amp; Laboratory<br/>Investigations</b> |
|--|--|---|
| 04   | 60 Days  | 75 Days   |

Your bid shall be valid for a time period of one hundred and eighty (180) days after the bid opening. **The work shall be executed under the instructions and full-time supervision of consultants i.e. Bara Dam Consultant Group (BDCG) 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 boreholes and testpits by total station / differential GPS shall have to be provided to consultants 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 interpretative geotechnical investigation report (including final borehole & testpits logs, sub surface profiles, summary of laboratory test results and detailed laboratory test result sheets, approach and methodology, interpretation of results, design criteria, design parameters, foundation design calculations, conclusions and recommendations etc.) to Consultants i.e. NESPAK, within the contract period.

**The bidders shall submit a bid security amounting to 2% of bid amount at the time of submission of bids in separate envelope in the form of pay order or bank draft in favor of Bara Dam Consultant Group (BDCG).**

Your most competitive sealed bids (**inclusive of all taxes**) in accordance with the attached specifications, BOQs and qualification criteria, should reach the office of the undersigned by 11:00 hours on or before December 04, 2023. Technical bids would be opened on the same day at 15:00 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. **Payment of the entire work shall be made by Bara Dam Consultant Group (BDCG) led by NESPAK as per the terms and conditions mentioned in the specifications.**

for Bara Dam Consultant Group (BDCG)

**(Project Manager)**