

ISSUED ON: _____

ISSUED TO: _____

**NED UNIVERSITY OF ENGINEERING AND
TECHNOLOGY, KARACHI**



REQUEST FOR PROPOSALS (RFP)

FOR SELECTION OF CONSULTANT

DOCUMENT NO.: PC(M-IV)/NED/I.Struc./Consultant/01/16

Procurement Cell

**Commencement of New Engineering Programs and
Infrastructure Development (Mega-IV)**

CONTENTS

Section I. Letter of Invitation/ Request for Proposal (RFP)1
Section II. Instructions to Consultants3
Data Sheet 13
Section III. General Conditions of Contract15
Section IV. Special Conditions of Contract23

APPENDICES:

Appendix-A.....27
Appendix-B.....31

SECTION:I

**LETTEROF INVITATION
REQUEST FOR PROPOSAL (RFP)**

Section I- REQUEST FOR PROPOSAL (RFP)

REQUEST FOR PROPOSAL (RFP)

NED University of Engineering and Technology, Karachi intends to appoint reputable Consultants/ Consulting Firms registered with Pakistan Engineering Council, Income Tax Department and Sindh Revenue Board (SRB) on “**Single Stage Two Envelopes**” procedure as per SPPRA Rules 2010 (amended 2013) for following work under approved project entitled “*Commencement of New Engineering Programs and Infrastructure Development at NED University of Engineering and Technology, Karachi*” (Mega-IV):

Name of Work:					
Detailed Engineering Design, Drawing, documentation and overall supervision of Buildings and related infrastructure at NED University Main Campus					
Tender No. PC(M-IV)/NED/I.Struc./Consultant/01/16					
Start Date of Sale	Last Date of Sale	Submission Date/Time	Opening Date/Time	Venue of Bid Opening	Tender Fee
18.05.2016	03.06.2016	06.06.2016 10.00 A.M	06.06.2016 11.00 A.M	City Campus, NED University	2,000/-

Consultants/ consulting firms having vast experiences may apply.

Method of Procurements: The bid shall be received under “Single Stage - Two Envelop” procedure, as per SPPRA Rules 2010 (amended 2013), the bids shall comprise a single package containing two separate envelopes. Each envelop shall marked and contain separately the “**Financial Proposal**” and the “**Technical Proposal**”.

Method of selection: The method of selection is “**Least Cost Basis**”

Collection of Tender / RFP documents:

The Tender / RFP Document can be obtained from the office of the Assistant Director Procurement –II NED University of Engineering & Technology, against the written request duly forwarded to Assistant Director Procurement –I on deposition of tender fee in shape of pay order in favor of Director Finance, NED University of Engineering & Technology, on all working days during office hours. Tender Document can also be obtained by post against pay order of Rs. 300/- as courier charges in addition to tender fee.

Earnest Money:The Earnest Money @ 2% of the quoted amount will be deposited in the form of Pay Order / Demand Draft issued by scheduled Bank in favor of Director Finance, NED University of Engineering & Technology

Submission of Bid: The Sealed Tenders duly completed and addressed to Assistant Director Procurement –I must reach or be dropped in the Tender Box placed in the Office of Chairman Department of Architecture and Planning at **CITY CAMPUS, NED University**, Moulana Din Muhammad Wafai Road adjacent to DJ Science College, which shall be opened on the same day according to above schedule in presence of bidders or their representatives who may wish to be present. In case of any disturbance, the tenders will be opened on next working day as per schedule. Bidders are requested to give their best and final prices as no negotiations are expected.

The Procuring Agency may reject any or all bids subject to the relevant provisions of SPPRA rules 2010 (Amended in 2013).

Assistant Director (Procurement-I)

SECTION:II
INSTRUCTIONS TO CONSULTANTS

Section II. Information to Consultants–Data Sheet

Instructions to Consultants**Definitions**

- (a) “Procuring Agency (PA)” means NED University of Engineering and Technology, Karachi with which the selected Consultant signs the Contract for the Services.
- (b) “Consultant” means a professional who can study, design, organize, evaluate and manage projects or assess, evaluate and provide specialist advice or give technical assistance for making or drafting policies, institutional reforms, all other works related for construction activities
- (c) “Contract” means an agreement enforceable by law and includes General and Special Conditions of the contract.
- (d) “Data Sheet” means such part of the Instructions to Consultants that is used to reflect specific assignment conditions.
- (e) “Day” means calendar day including holiday.
- (f) “Government” means the Government of Sindh.
- (g) “Instructions to Consultants” (Section 2 of the RFP) means the document which provides Consultants with all information needed to prepare their Proposals.
- (h) “LOI” (Section 1 of the RFP) means the Letter of Invitation sent by the procuring agency to the Consultant.
- (i) “Proposal” means the Technical Proposal and the Financial Proposal.
- (j) “RFP” means the Request for Proposal prepared by the procuring Agency for the selection of Consultants.
- (k) “Sub-Consultant” means any person or entity to whom the Consultant subcontracts any part of the Services.
- (l) “Terms of Reference” (TOR) means the document included in the RFP which explains the objectives, scope of work, activities, tasks to be performed, respective responsibilities of the procuring agency and the Consultant, and expected results and deliverables of the assignment.

Section II. Instructions to Consultants–Data Sheet

2. Introduction 2.1 NED University desires to select a consulting firm/organization, in accordance with the method of selection specified in data sheet.

2.2 The Technical and Financial Proposal are invited through this RFP on single stage two envelope procedures. The financial proposal of the technically qualified consultants will be opened. The Financial proposals of the lowest bidder will be the basis for contract negotiations and ultimately for a signed Contract with the selected Consultant.

2.3 Consultants should familiarize themselves with rules / conditions and take them into account while preparing their Proposals. Consultants may contact with PA's representative named in the Data Sheet for gaining better insight into the assignment.

2.4 Consultants shall bear all costs associated with the preparation and submission of their proposals and contract negotiation. The PA reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultants.

2.5 NED University will provide only the office space to the selected consultant

3. CONFLICTS

3.1 Conflict of Interest

3.1.1 Consultants are required to provide professional, objective, and impartial advice and holding the interest paramount. They shall strictly avoid conflict with other assignments or their own corporate interest. Consultants have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of the Procuring Agency, or that may reasonably be perceived as having such effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.

3.1.2 Without limitation on the generality of the foregoing, Consultants, and any of their affiliates, shall be considered to have a conflict of interest and shall not be recruited, under any of the circumstances set forth below:

- (i) A consultant that has been engaged by the procuring agency to provide goods, works or services other than consulting services for a project, any of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, any of its affiliates, shall be disqualified from subsequently providing goods or works or services other than consulting services resulting from or directly related to the firm's consulting services for such preparation or implementation
- (ii) A Consultant (including its Personnel and Sub-Consultants) or any of its affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant to be executed for the same or for another Procuring Agency

- (iii) A Consultant (including its Personnel and Sub-Consultants) that has a business or family relationship with a member of the Procuring Agency's staff who is directly or indirectly involved in any part of (i) the preparation of the Terms of Reference of the assignment, (ii) the selection process for such assignment, or (iii) supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved.

3.2 Conflicting Relationships

Government officials and civil servants may be hired as consultants only if:

- (i) They are on leave of absence without pay;
- (ii) They are not being hired by the agency they were working for, six months prior to going on leave; and
- (iii) Their employment would not give rise to any conflict of interest.

4. Fraud and Corruption

It is Government's policy that Consultants under the contract(s), observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the Procuring Agency follows the instructions contained in Sindh Public Procurement Rules 2010 which defines:

“corrupt and fraudulent practices” includes the offering, giving, receiving, or soliciting, directly or indirectly of anything of value to influence the act of another party for wrongful gain or any act or omission, including misrepresentation, that knowingly or recklessly misleads or attempt mislead a party to obtain a financial or other benefit or to avoid an obligation;

Under Rule 35 of SPPR 2010, “The PA can inter-alia blacklist Bidders found to be indulging in corrupt or fraudulent practices. Such barring action shall be duly publicized and communicated to the SPPRA. Provided that any supplier or contractor who is to be blacklisted shall be accorded adequate opportunity of being heard”.

5. Integrity Pact

Pursuant to Rule 89 of SPPR 2010 Consultant undertakes to sign an Integrity pact in accordance with prescribed format attached hereto for all the procurements estimated to exceed Rs. 2.5 million. (Appendix- A)

6. Eligible Consultants

The single stage two envelope procedure of SPPRA 2010 shall be used where the bids are to be evaluated on the basis of Technical Proposal and work will be awarded to lowest evaluated financial bid.

7. Eligibility of Sub-Consultants

A selected Consultant would not be allowed to associate with Consultants who have failed to qualify at technical stage.

8. Only one Proposal

Consultants may only submit one proposal. If a Consultant submits or participates in more than one proposal, such proposals shall be disqualified. Participation of the same Sub-Consultant, including individual experts, to more than one proposal is not allowed.

- 9. Proposal Validity**
- 9.1 The proposal submitted by the consultant should be valid for 90 days from the date of opening of financial proposals, during this period consultant shall maintain the availability of Professional staff nominated in the Proposal. The Procuring Agency will make its best effort to complete negotiations within this period. Should the need arise; however, the Procuring Agency may request Consultants to extend the validity period of their proposals. Consultants who agree to such extension shall confirm that they maintain the availability of the Professional staff nominated in the Proposal, or in their confirmation of extension of validity of the Proposal, Consultants may submit new staff in replacement, who would be considered in the final evaluation for contract award. Consultants who do not agree have the right to refuse to extend the validity of their Proposals.
- 9.2 Consultants shall submit required bid security along with Financial Proposal defined in the data sheet
- 10. Clarification and Amendment in RFP Documents**
- 10.1 Consultants may request for a clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of proposal. The procuring agency shall communicate such response to all parties who have obtained RFP document without identifying the source of inquiry. Should the PA deem it necessary to amend the RFP as a result of a clarification, it shall do so.
- 10.2 At any time before the submission of Proposals, the Procuring Agency may amend the RFP by issuing an addendum/ corrigendum in writing. The addendum shall be sent to all Consultants and will be binding on them. Consultants shall acknowledge receipt of all amendments. To give Consultants reasonable time in which to take an amendment into account in their Proposals the Procuring Agency may, if the amendment is substantial, extend the deadline for the submission of Proposals.
- 11. Preparation of Proposals**
- 11.1 In preparing their Proposal, Consultants are expected to examine in detail the documents comprising the RFP.
- 11.2 The consultants are encouraged to coordinate any query with Representative of Procuring Agency
- 12. Language**
- The Proposal as well as all related correspondence exchanged by the Consultants and the Procuring Agency shall be written in English.
- 13. Technical Proposal Format and Content**
- 13.1 Technical Proposal requirement**
- 13.1.1 If a Consultant considers that it does not have all the expertise for the assignment, it may obtain a full range of expertise by associating with the individual consultant and/or other firms or entities in a joint venture or sub consultancies, as appropriate
- 13.1.2 General Information**
- Consultant should provide following information & documents.**
- i. Name of the Firm with address, Telephone, e-mail & Fax No. and date of establishment of Firm
 - ii. Registration with PEC for the current year
 - iii. Details of origination including CV of Technical personnel permanently employed

- iv. List of project completed alongwith cost, completion date and name of client
- v. Details of present enlistment with Government / Semi Government, Autonomous Bodies with documentary evidence
- vi. Present work load and commitments.
- vii. Average Annual Turn-over for the last 5 years - Consultants to provide Audited Balance Sheets for the last 5 years
- viii. Specific experience of the Consultant relevant to the assignment
- ix. NTN with Income Tax Statement for the last three years.
- x. Registration with Sales Tax Department/Sindh Revenue Board(SRB) for the current year.
- xi. List of cases entered into arbitration/ litigation.
- xii. Affidavit that company has never been black listed from any department/ organization.

13.1.3. Particular Information for Proposed work at NED University

This Proposal shall include the following:

- (a) Technical details of the works.
- (b) Time Schedule of works for different phases.
- (c) Detailed Technical Report comprising of salient features of different services proposed in the works.
- (d) Methodology of working for different scope of works as required.
- (e) The names and resume of Principal & Senior Architect, Structural, Plumbing, HVAC and Electrical Engineers to be involved in the works.

14. Financial Proposals

14.1 **The Financial Proposal** shall be prepared considering the scope and measure of the work. The Financial proposal shall be opened of **technically qualified** consultant on the basis of their technical proposal. The consultancy charges both for Design and Supervision will be paid on the basis of percentage of work award cost.

14.2 Financial Proposals requirement

Financial Proposal of only **Technically Qualified** Consultants will be opened on the date and time to be specified later and Financial Proposals shall include Professional fees on percentage of estimated cost basis for the following services:-

- a) Soil Investigation/surveys&Preliminary/Schematic Drawings Phase.
- b) Design Development Phase.
- c) Construction Documents Phase.
- d) Supervision Phase.
 - Detailed/overall Supervision of Construction.

The Financial proposals of the unsuccessful bidder shall be returned unopened.

14.3 Resident Site Staff

The following staff will be required for a period of 17 months for overall/ detailed supervision of Civil Works.

Resident Engineer	01
Site Inspector	01

- 15. Taxes** The Consultant will be subject to all admissible taxes including stamp duty and service charges at a rate prevailing on the date of contract agreement unless exempted by relevant tax authority.
- 16. Submission, Receipt, and Opening of Proposals**
- 16.1 Proposal shall contain no interlineations or overwriting and submitted accordingly:
- 16.2 For this tender SPPRA'S **Single stage Two envelope bidding procedure** as per clause 46(2) for open competitive bidding is adopted, detailed as under:
- (a) The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the Financial Proposal and the Technical Proposal;
 - (b) The envelope shall be marked as "**FINANCIAL PROPOSAL**" and "**TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion;
 - (c) Initially, only the envelope marked "**TECHNICAL PROPOSAL**" shall be opened;
 - (d) Envelope marked "**FINANCIAL PROPOSAL**" shall be retained in the custody of the Procuring Agency without being opened;
 - (e) Procuring Agency shall evaluate the technical proposal in manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - (f) No amendments in the technical proposal shall be permitted during the technical evaluation;
 - (g) Financial Proposals of **technically qualified** bidders shall be opened publically at the time, date and venue announced and communicated to the bidders in advance;
 - (h) Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders; and
 - (i) Bid found to be the lowest evaluated or best evaluated bid shall be accepted.
- 17. Proposal Evaluation** From the time the Proposals are opened to the time the Contract is awarded, the Consultants should not contact the PA on any matter related to its Technical and/or Financial Proposal. Any effort by Consultants to influence the PA in the examination, evaluation, ranking of Proposals, and recommendation for award of Contract may result in the rejection of the Consultants' Proposal. Evaluators of Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.
- 18. Evaluation of Technical Proposals**
- 18.1 The evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference, applying the evaluation criteria and point system specified below :

Proposal Evaluation

a). Parameter for Technical Evaluation
Minimum Qualifying Marks / Minimum Technical Score = 65 marks

Assessment/Evaluation Criteria

ELIGIBILITY	Valid PEC (Pakistan Engineering Council) Consulting Engineer License for the year 2016 and beyond (Eligibility Requirement) – Consultants to provide copy of PEC Consulting Engineer License in their own name valid for year 2016 or beyond. For Architectural Firms, Collaboration/Association with Engineering Firm is essential
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TECHNICAL EVALUATION

i)	Registration with PCATP (Pakistan Council of Architect and Town Planning) For Individual Registration- 05 Points	05 Points
ii)	Date of Establishment of the firm – Consultant to provide evidence of Establishment of date One Point for five year. 25 years or more – Full 05 points	05 Points
iii)	Office Construction – Consultant to provide address, phone numbers and contact person at each office for counter verification. Office in Karachi - 5 Points Office other than Karachi -1 point	05 Points
iv)	Financial Standing of the Firm	10 Points
	Average Annual Turn-over for the last 5 years - Consultants to provide Audited Balance Sheets for the last 5 years Rs. 200 M and above – 10 Points Rs. 150 to 200 M –7 Points Rs. 100 to 150 M – 4 Points Rs. 50 to 100 M – 2 Points Less than Rs. 50 M – 0 Points	
v)	Specific experience of the Consultant relevant to the assignment	30 Points
	Experience of University facilities like Class Room Laboratories and Faculty Offices etc. Designed & Executed - Consultant to provide copy of letter of award or client's certificate for this project. Full 15 Points	15 Points
	Projects more than Rs.200 M - Consultant to provide copy of letter of award or client's certificate for each project. Each Project – 3 Points 5 or more Full 15 Points	15 Points

(vi)	Adequacy of the proposed methodology and work plan in response to Particular Information for Proposed work	25 Points
	a) Technical details of the works.	10 Points
	b) Time Schedule of works for different phases.	10 Points
	c) Methodology of working for different scope of works as required	05 Points
vii)	Professional staff requirement at Site full time during working hours for Resident Supervision: (Minimum Qualification & Experience is mentioned in the following table. If a proposed professional does not meet the minimum qualification, he / she shall be given 0 points)	20 Points
	a) Resident Engineer proposed for this project: BE(Civil) with 12 years experience Each Project of Education/Other Institutions 2-Point 5 or More Full 10-Points	10 Points
	b) Site Inspector (01 No) D.A.E (Civil) with 8 years experience 5 or more projects Full 5 points for Site Inspector	10 Points

Each responsive proposal will be given a technical score based on above Criteria. A proposal shall be rejected at this stage if it fails to achieve the minimum Technical Score

18.2 After the technical evaluation is completed, the PA shall notify in writing to Consultants that have secured the minimum qualifying marks, the date, time and location, for opening the Financial Proposals. Consultants' attendance at the opening of Financial Proposals is optional.

Financial proposals of those consultants who failed to secure minimum qualifying marks shall be returned unopened.

19. Evaluation of Financial Proposals

19.1 Financial Proposals of technically qualified consultant shall be opened publicly in the presence of the Consultants' representatives who choose to attend.

19.2 **The Evaluation Committee** will correct any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount, or between word and figures the formers will prevail.

19.3 **Least Cost Selection (LCS) Method** will be followed. The bid of technically qualified bidders found to be the lowest evaluated bid shall be accepted.

- 20. Negotiations** Negotiations will be held at the date and address indicated in the Data Sheet. The invited Consultant will, as a pre-requisite for attendance at the negotiations, confirm availability of all Professional staff. Failure in satisfying such requirements may result in the PA proceeding to negotiate with the next-ranked Consultant. Representatives conducting negotiations on behalf of the Consultant must have written authority to negotiate and conclude a Contract.
- 21. Technical negotiations** Technical Negotiations will include a discussion of the Technical Proposal, the proposed technical approach and methodology, work plan, organization, staffing etc.
- 22. Financial Negotiations** The financial negotiations will include a clarification (if any) of the firms tax liability, and the manner in which it will be reflected in the contract; and will reflect the agreed technical modifications in the cost of the services.
- 23. Availability of Professional staff/experts** Having selected the Consultant on the basis of, among other things, an evaluation of proposed Professional staff, the PA expects to negotiate a Contract on the basis of the Professional staff named in the Proposal. Before contract negotiations, the PA will require assurances that the Professional staff will be actually available. The PA will not consider substitutions during contract negotiations unless both parties agree that undue delay in the selection process makes such substitution unavoidable or for reasons such as death or medical incapacity. If this is not the case and if it is established that Professional staff were offered in the proposal without confirming their availability, the Consultant may be disqualified. Any proposed substitute shall have equivalent or better qualifications and experience than the original candidate and be submitted by the Consultant within the period of time specified in the letter of invitation to negotiate.
- 24. Award of Contract**
- 24.1 After completing negotiations, the Procuring Agency shall award the Contract to the selected Consultant and within seven of the award of contract, Procuring Agency shall publish on the website of the Authority and on its own website, if such a website exists, the result of the bidding process, identifying the bid through procuring identifying number, if any and the following information, valuation report, form of contract and letter of award, bill of quantity or schedule of requirement, as the case may be.
- 24.2 After publishing of award of contract consultant required to submit a performance security at the rate indicated in date sheet.
- 24.3 The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.
- 25. Confidentiality** Information relating to evaluation of Proposals and recommendations concerning awards shall not be disclosed to the Consultants who submitted the Proposals or to other persons not officially concerned with the process, until the publication of the award of Contract. The undue use by any Consultant of confidential information related to the process may result in the rejection of its Proposal.

DATA SHEET

1.1	<p>Name of the Assignment is: <i>Detailed Engineering Design, Drawing, documentation and overall supervision of Buildings and related infrastructure at NED University Main Campus</i></p> <p>The Name of the PA's official : <i>Assistant Director (Procurement-II)</i></p> <p>Address:<i>NED University of Engineering and Technology, Karachi</i> Telephone: <i>99261261-68 (Ext: 2471)</i>Facsimile:<i>99261255</i></p> <p>E-mail:adfp2@neduet.edu.pk</p>
1.2	The method of selection is: <i>Least Cost Selection (LCS) Method</i>
1.3	Financial Proposal to be submitted together with Technical Proposal: <i>Yes</i>
1.4	The PA will provide the following inputs and facilities: <i>Site Office for supervisory staff</i>
1.5	The Proposal submission address is: <i>Office of Chairman Department of Architecture & Planning, City Campus, NED University of Engineering & Technology, Molana Din Muhammed Wafai Road, Karachi. adjacent DJ Science College</i>
1.6	Proposals must be submitted no later than the following date and time: Date : 06.06.2016 Time: 10:00 A.M
1.7	Expected date for commencement of consulting services Immediately after signing the contract agreement at NED University Main Campus, University Road Karachi
9.1	Proposals validity shall be 90 days from the date of opening of Financial Proposal
9.2	Amount of bid security is 2% of the bid amount
10.1	Clarifications may be requested not later than five days before the submission date. The address for requesting clarifications is: Focal Person Mega-4 NED University, Karachi, Tel: 021-99261261-8 (Ext: 2434) Facsimile:99261255 E-mail: coordinatormega4@neduet.edu.pk
12	The Proposal as well as all related correspondence exchanged by the Consultants and the Procuring Agency shall be written in English
11.2	The following staff will be required for a period of 17 months for overall/ detailed supervision of Civil Works. Resident Engineer 01 Site Inspector 01
13.2(vii)	Training is a specific component of this assignment: No
15.1	Amounts payable by the PA to the Consultant under the contract is subject to local taxation, stamp duty and service charges if applicable .
6.3	Consultants to state local cost in Pak Rupees: Yes
16.2	Consultant must submit the original and one copy of the Technical Proposal, and the original and one copy of the Financial Proposal.
20.1	Expected date for contract negotiation: To be communicated to bidder
24.2	Successful consultant is required to submit performance security in form of pay order, demand draft or bank guarantee equivalent to 05% of the contract amount. Valid upto period of 20 months
5.1	Consultant undertake to sign Integrity Pact for the procurement estimated to exceed Pak Rs.2.5 million.

SECTION III.

General Conditions of Contract

II. General Conditions of Contract

1. GENERAL PROVISIONS

1.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) “Applicable Law” means the Sindh Public Procurement Act, thereunder Rules 2010.
- (b) “Procuring Agency PA” means the implementing department which signs the contract
- (c) “Consultant” means a professional who can study, design, organize, evaluate and manage projects or assess, evaluate and provide specialist advice or give technical assistance for making or drafting policies, institutional reforms and includes private entities, consulting firms, legal advisors, engineering firms, construction managers, management firms, procurement agents, inspection agents, auditors, international and multinational organizations, investment and merchant banks, universities, research institutions, government agencies, nongovernmental organizations, and individuals.
- (d) “Contract” means the Contract signed by the Parties and all the attached documents listed in its Clause 1, that is General Conditions (GC), the Special Conditions (SC), and the Appendices.
- (e) “Contract Price” means the price to be paid for the performance of the Services, in accordance with Clause 6;
- (f) “Effective Date” means the date on which this Contract comes into force and effect pursuant to Clause GC 2.1.
- (g) “Foreign Currency” means any currency other than the currency of the PA’s country.
- (h) “GC” mean these General Conditions of Contract.
- (i) “Government” means the Government of Sindh.
- (j) “Local Currency” means Pak Rupees.
- (k) “Member” means any of the entities that make up the joint venture/consortium/association, and “Members” means all these entities.
- (l) “Party” means the PA or the Consultant, as the case may be, and “Parties” means both of them.
- (m) “Personnel” means persons hired by the Consultant or by any Sub-Consultants and assigned to the performance of the Services or any part thereof.
- (n) “SC” means the Special Conditions of Contract by which the GC may be amended or supplemented.
- (o) “Services” means the consulting services to be performed by the Consultant pursuant to this Contract, as described in the Terms of References.
- (p) “Sub-Consultants” means any person or entity to whom/which the

Consultant subcontracts any part of the Services.

(q) "In writing" means communicated in written form with proof of receipt.

- 1.2 Law Governing Contract** This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the applicable law.
- 1.3 Language** This Contract is executed in the language specified in the SC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.
- 1.4 Notices**
- 1.4.1 Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SC.
- 1.4.2 A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address specified in the SC.
- 1.5 Location** The Services shall be performed at such locations as are specified in special condition of contract and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the PA may approve.
- 1.6 Authority of Member in Charge** In case the Consultant consists of a joint venture/ consortium/ association of more than one individual firms, the Members hereby authorize the individual firms or specified in the SC to act on their behalf in exercising all the Consultant's rights and obligations towards the PA under this Contract, including without limitation the receiving of instructions and payments from the PA.
- 1.7 Authorized Representatives** Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the PA or the Consultant may be taken or executed by the officials specified in the SC.
- 1.8 Taxes and Duties** The Consultant, Sub-Consultants, and their Personnel shall pay such direct or indirect taxes, duties, fees, and other impositions levied under the Applicable Law as specified in the SC, the amount of which is deemed to have been included in the Contract Price.
- 1.9 Fraud and Corruption**
- A. If the PA determines that the Consultant and/or its Personnel, sub-contractors, sub-consultants, services providers and suppliers has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices, in competing for or in executing the Contract, then the PA may, after giving 14 days notice to the Consultant, terminate the Consultant's employment under the Contract, and may resort to other remedies including blacklisting/disqualification as provided in SPPR 2010.

Any personnel of the Consultant who engages in corrupt, fraudulent, collusive, coercive, or obstructive practice during the execution of the Contract, shall be removed in accordance with Sub-Clause 4.2.

Integrity Pact

- B. If the Consultant or any of his Sub-consultants, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Consultant then the Client shall be entitled to:
- (a) recover from the Consultant an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Consultant or any of his Sub-consultant, agents or servants;
 - (b) terminate the Contract; and
 - (c) recover from the Consultant any loss or damage to the Client as a result of such termination or of any other corrupt business practices of the Consultant or any of his Sub-consultant, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Consultant shall proceed in accordance with Sub-Clause 1.9 A. Payment upon such termination shall be made under Sub-Clause 1.9 A after having deducted the amounts due to the Client under 19 B Sub-Para (a) and (c).

2. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT

- | | |
|---------------------------------|---|
| 2.1 Effectiveness of Contract | This Contract shall come into effect on the date the Contract is signed by both Parties or such other later date as may be stated in the SC. The date the Contract comes into effect is defined as the Effective Date. |
| 2.2 Commencement of Services | The Consultant shall begin carrying out the Services not later than the number of days after the Effective Date specified in the SC. |
| 2.3 Expiration of Contract | Unless terminated earlier pursuant to Clause GC 2.6 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SC. |
| 2.4 Modifications or Variations | Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party. |

- 2.5 Force Majeure The failure on the part of the parties to perform their obligation under the contract will not be considered a default if such failure is the result of natural calamities, disasters and circumstances beyond the control of the parties.
- 2.5.2 No Breach of Contract The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.
- 2.5.3 Extension of Time Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.
- 2.5.4 Payments During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.
- 2.6 Termination By the PA**
- 2.6.1 The PA may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause GC 2.6.1. In such an occurrence the PA shall give a not less than thirty (30) days' written notice of termination to the Consultant, and sixty (60) days' in the case of the event referred to in (e).
- (a) If the Consultant does not remedy the failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as the PA may have subsequently approved in writing.
 - (b) If the Consultant becomes insolvent or bankrupt.
 - (c) If the Consultant, in the judgment of the PA has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
 - (d) If, as the result of Force Majeure, the Consultant(s) are unable to perform a material portion of the Services for a period of not less than sixty (60) days.
 - (e) If the PA, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
 - (f) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GC 8 hereof.
- 2.6.2 By the Consultant The Consultants may terminate this Contract, by not less than thirty (30) days' written notice to the PA, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (c) of this Clause GC 2.6.2:
- (a) If the PA fails to pay any money due to the Consultant pursuant to this Contract without consultants fault.
 - (b) Pursuant to Clause GC 7 hereof within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue.
 - (c) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

- (d) If the PA fails to comply with any final decision reached as a result of arbitration pursuant to Clause GC 8 hereof.

- 2.6.3 Payment upon Termination Upon termination of this Contract pursuant to Clauses GC 2.6.1 or GC 2.6.2, the PA shall make the following payments to the Consultant:
- (a) payment pursuant to Clause GC 6 for Services satisfactorily performed prior to the effective date of termination;
 - (b) except in the case of termination pursuant to paragraphs (a) through (c), and (f) of Clause GC 2.6.1, reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel and their eligible dependents.

3. OBLIGATIONS OF THE CONSULTANT

3.1 General

- 3.1.1 Standard of Performance The Consultant shall perform the Services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the PA, and shall at all times support and safeguard the PA's legitimate interests in any dealings with Sub-Consultants or third Parties.
- 3.2 Conflict of Interests The Consultant shall hold the PA's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.
- 3.2.1 Consultants not to Benefit from Commissions, Discounts, etc. The payment of the Consultant pursuant to Clause GC 6 shall constitute the Consultant's only payment in connection with this Contract or the Services, and the Consultant shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Consultant shall use their best efforts to ensure that the Personnel, any Sub-Consultants, and agents of either of them similarly shall not receive any such additional payment.
- 3.2.2 Consultant and Affiliates not to be Otherwise The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-Consultants and any entity affiliated with such Sub-Consultants, shall be disqualified from providing goods, works or services (other than consulting services) resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.
- 3.2.3 Prohibition of Conflicting Activities The Consultant shall not engage, and shall cause their Personnel as well as their Sub-Consultants and their Personnel not to engage, either directly or indirectly, in any business or professional activities which would conflict with the activities assigned to them under this Contract.
- 3.3 Confidentiality Except with the prior written consent of the PA, the Consultant and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services.

- 3.4 Insurance to be Taken Out by the Consultant Consultant (a) shall take out and maintain, and shall cause any Sub-Consultants to take out and maintain, at their (or the Sub-Consultants', as the case may be) own cost but on terms and conditions approved by the PA, insurance against the risks, and for the coverage, as shall be specified in the SC; and (b) at the PA's request, shall provide evidence to the PA showing that such insurance has been taken out and maintained and that the current premiums have been paid.
- 3.5 Consultant's Actions Requiring PA's Prior Approval The Consultant shall obtain the PA's prior approval in writing before taking any of the following actions:
 (a) entering into a subcontract for the performance of any part of the Services,
 (b) appointing Personnel
 (c) any other action that may be specified in the SC.
- 3.6 Reporting Obligations (a) The Consultant shall submit to the PA the reports and documents regarding the progress of works, as and when required by the PA.
- 3.7 Documents Prepared by the Consultant to be the Property of the PA (a) All plans, drawings, specifications, designs, reports, other documents and software submitted by the Consultant under this Contract shall become and remain the property of the PA, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the PA, together with a detailed inventory thereof.
 (b) The Consultant may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be specified in the SC.
- 3.8 Accounting, Inspection and Auditing
- 3.8.1 The Consultant shall keep, and shall cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Contract, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify relevant time changes and costs.
- 3.8.2 The Consultant shall permit, and shall cause its Sub-consultants to permit, the PA and/or persons appointed by the PA to inspect its accounts and records relating to the performance of the Contract and the submission of the Proposal to provide the Services, and to have such accounts and records audited by auditors appointed by the PA if requested by the PA. The Consultant's attention is drawn to Clause 1.9.1 which provides, inter alia, that acts intended to materially impede the exercise of the PA's inspection and audit rights provided for under Clause 3.8 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the PA's prevailing sanctions procedures.).

4. CONSULTANT'S PERSONNEL

- 4.1 Description of Personnel The Consultant shall employ and provide such qualified and experienced Personnel and Sub-Consultants as are required to carry out the Services. The Consultant is required to submit CV of the proposed staff. The Site staff shall be deputed after approval of PA
- 4.2 Removal and/or Replacement of Personnel
- (a) Except as the PA may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Consultant, such as retirement, death, medical incapacity, among others, it becomes necessary to replace any of the Key Personnel, the Consultant shall provide as a replacement a person of equivalent or better qualifications.
 - (b) If the PA finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Consultant shall, at the PA's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the PA.
 - (c) The Consultant shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

5. OBLIGATIONS OF THE PA

- 5.1 Assistance and Exemptions The PA shall use its best efforts to ensure that the Government shall provide the Consultant such assistance and exemptions as specified in the SC.
- 5.2 Change in the Applicable Law Related to Taxes and Duties If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred to in Clauses GC 6.2 or (b), as the case may be.
- 5.3 Services and Facilities The PA shall make provide office space to the Consultant

6. PAYMENTS TO THE CONSULTANT

- 6.1 Security The consultant has to submit bid security and the performance security at the rate mention in SC.
- 6.2 Lump-Sum Payment Payment shall be made as per Clause 6.5 of SC

- 6.3 Contract Price The price payable in Pak Rupees/foreign currency/ is set forth in the SC
- 6.4 Payment for Additional Services Remuneration due for additional services will be paid as may be agreed under Clause 2.4
- 6.5 Terms and Conditions of Payment Payments will be made to the account of the Consultant and according to the payment schedule stated in the SC.

7. GOOD FAITH

- 7.1 Good Faith The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

8. SETTLEMENT OF DISPUTES

- 8.1 Amicable Settlement The Parties agree that the avoidance or early resolution of disputes is Settlement crucial for a smooth execution of the Contract and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.
- 8.2 Dispute Resolution Any dispute between the Parties as to matters arising pursuant to this Contract that cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement in accordance with the provisions specified in the SC.

SECTION IV.

Special Conditions of Contract

III. Special Conditions of Contract

**Number of
GC Clause**

**Amendments of, and Supplements to, Clauses in the
General Conditions of Contract**

1.1 Sindh Public Procurement Act and Sindh Public Procurement Rules 2010.

1.3 The language is English.

1.4 The addresses are:

Procuring Agency: Procurement Cell

Attention: Assistant Director Procurement-II

Facsimile: 021-99261255 (2471)

E-mail: adfp2@neduet.edu.pk

Consultant: _____

Attention: _____

Facsimile: _____

E-mail: _____

1.7 The Authorized Representatives are:

For the PA: Assistant Director Procurement-II

For the Consultant: _____

(To be filled in by the consultant)

1.8 *All relevant taxes including stamp duty and service charges are to be borne by the consultant.*

The PA warrants that the Consultant, the Sub-Consultants and the Personnel shall be exempt from (or that the PA shall pay on behalf of the Consultant, the Sub-Consultants and the Personnel, or shall reimburse the Consultant, the Sub-Consultants and the Personnel for) any indirect taxes, duties, fees, levies and other impositions imposed, under the Applicable Law, on the Consultant, the Sub-Consultants and the Personnel in respect of:

- (a) any payments whatsoever made to the Consultant, Sub-Consultants and the Personnel (other than nationals or permanent residents of Pakistan), in connection with the carrying out of the Services;
- (b) any equipment, materials and supplies brought into the Government's country by the Consultant or Sub-Consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn there from by them;
- (c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the PA and which is treated as property of the PA;
- (d) any property brought into the province by the international Consultant, any Sub-Consultants or the Personnel or the eligible dependents of such Personnel for their personal use and which will subsequently be withdrawn there from by them upon their respective departure from the Government's country, provided that:
 - (1) the Consultant, Sub-Consultants and Personnel, and their eligible dependents, shall follow the usual customs procedures of the Government's country in importing property into the Government's country; and
 - (2) if the Consultant, Sub-Consultants or Personnel, or their eligible dependents, do not withdraw but dispose of any property in the Pakistan for which customs duties and taxes have been exempted, the Consultant, Sub-Consultants or Personnel, as the case may be, (i) shall bear such customs duties and taxes in conformity with the regulations of the Government's country, or (ii) shall reimburse them to the PA if they were paid by the PA at the time the property in question was brought into the Government's country.

2.2 The commencement of Consultancy Services is after signing the contract agreement or as specified by PA

2.3 The time period shall be :***Design & Documentation {Three (03) months}***
Overall supervision {Seventeen (17) months}
after award of works

6.1 Amount of bid security is 2% of the bid amount to be submitted in a separate sealed envelope placed with sealed envelope of Financial Proposal

6.2 Amount of Performance security is 05% of contract amount

6.5 Payments shall be made according to the following schedule:

7.1 Design Phase

Provisional design fee for stage-1, stage-2 and stage-3 shall be calculated on the basis of unit cost Rs. 2000/ per sft. The mode of payment shall be based on completion of the services under various parts as follows as a percentage of provisional fee:

Stages	Description	Percentage of provisional Design Fees
Stage-1	Preliminary / Schematic Design & Drawings Phase	10%
Stage-2	Design Development Phase	35%
Stage-3	Construction Documents Phase	45%
Stage-4	On Commissioning/start of construction work (Final design fee)	remaining fee on the basis of work order cost of contractors

7.2 Supervision Phase:

It will be paid at the (%) quoted in the financial proposal at the Contractor running bills.

8.2 Disputes shall be settled by complaint redressal committee define in SPPR 2010

Appendix A

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No. _____ Dated _____

Contract Value: _____

Contract Title: _____

..... [name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoS through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoS, except that which has been expressly declared pursuant hereto.

[name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoS under any law, contract or other instrument, be voidable at the option of GoS.

Notwithstanding any rights and remedies exercised by GoS in this regard, [name of Supplier] agrees to indemnify GoS for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoS in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoS.

Name of Buyer:

Signature:

[Seal]

Name of Seller/Supplier:

Signature:

[Seal]

CONTRACT

THIS CONTRACT (“Contract”) is entered into this *[insert starting date of assignment]*, by and between *[NED University]* (“the PA”) having its principal place of business at *[Main University Road Karachi]*, and *[insert Consultant’s name]* (“the Consultant”) having its principal office located at *[insert Consultant’s address]*.

WHEREAS, the PA wishes to have the Consultant performing the services hereinafter referred to, and

WHEREAS, the Consultant is willing to perform these services,

NOW THEREFORE THE PARTIES hereby agree as follows:

1. **Services**
 - (i) The Consultant shall perform the services specified in “Terms of Reference and Scope of Services,” which is made an integral part of this Contract (“the Services”).
 - (ii) The Consultant shall provide the reports within the time period specified by PA

2. **Term** The Consultant shall perform the Services during the period and continuing till completion of Works or any other period as may be subsequently agreed by the parties in writing.

3. **Payment** Payment Conditions

Payment shall be made in Pak Rupees, no later than 30 days following submission by the Consultant of invoices in duplicate to the Coordinator designated.

4. **Project Administration**

A. Coordinator

The PA designates Engr. Raza urRehman Focal Person Mega-4 as PA’s Coordinator; the Coordinator shall be responsible for the coordination of activities under the Contract, for receiving and approving invoices for payment, and for acceptance of the deliverables by the PA.

B. Timesheets

During the course of their work under this Contract the Consultant’s employees providing services under this Contract may be required to complete timesheets or any other document used to identify time spent, as instructed by the Coordinator.

C. Records and Accounts

The Consultant shall keep accurate and systematic records and

accounts in respect of the Services, which will clearly identify all charges and expenses. The PA reserves the right to audit, or to nominate a reputable accounting firm to audit, the Consultant's records relating to amounts claimed under this Contract during its term and any extension, and for a period of three months thereafter.

- 5. Performance** The Consultant undertakes to perform the Services with the highest **Standard** standards of professional and ethical competence and integrity. The Consultant shall promptly replace any employees assigned under this Contract that the PA considers unsatisfactory.
- 6. Confidentiality** - The Consultants shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the PA's business or operations without the prior written consent of the PA.
- 7. Ownership of** Any studies, reports or other material, graphic, software or otherwise, **Material** prepared by the Consultant for the PA under the Contract shall belong to and remain the property of the PA. The Consultant may retain a copy of such documents and software.
- 8. Consultant not be engaged in certain Activities** The Consultant agrees that, during the term of this Contract and after its termination, the Consultants and any entity affiliated with the Consultant, shall be disqualified from providing goods, works or services (other than the Services or any continuation thereof) for any project resulting from or closely related to the Services.
- 9. Insurance** The Consultant will be responsible for taking out any appropriate insurance coverage for their personnel and equipment.
- 10. Assignment** The Consultant shall not assign this Contract or Subcontract any portion thereof without the PA's prior written consent.
- 11. Law Governing Contract and Language** The Contract shall be governed by the laws of Islamic Republic of Pakistan or the Provincial Government and the language of the Contract shall be English.
- 12. Dispute Resolution** Any dispute arising out of this Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the Arbitration Act of 1940

FOR THE PA

FOR THE CONSULTANT

Signed by _____

Signed by _____

Title: _____

Title: _____

APPENDIX-B

SCOPE OF SERVICES AND TERMS OF REFERENCE

1. Scope of Services

The following works are proposed for consultancy. The contract will be awarded in lots. The total volume/value can be increased or decreased by 30%.

Unit and Area details:**CLASS ROOMS**

(Area in Sq. ft.)

Sr. No.	Departments	No. of Units	Gross Area
1.	CIVIL ENGINEERING	04	5,460
2	MECHANICAL ENGINEERING	04	5,460
3	ELECTRICAL ENGINEERING	04	5,460
4	CHEMICAL ENGINEERING	02	2,730
5	TOILET BLOCK	04	1,248
TOTAL		--	20,358

SEMINAR/ READING ROOM

(Area in Sq. ft.)

Sr. No.	Departments	No. of Units	Unit Area	Total Net Area	Circulation Area (30% of Net Area)	Gross Area
1	ELECTRICAL ENGINEERING	01	1,400	1,400	420	1,820
2.	MECHANICAL ENGINEERING	01	1,400	1,400	420	1,820
3	TOILET BLOCK	02	240	480	144	624
TOTAL		--	--	3,280	984	4,264

LABORATORIES

(Area in Sq. ft.)

Sr. No.	Departments	No. of Units	Gross Area
1	CIVIL ENGINEERING	03	5,335
2	MECHANICAL ENGINEERING	02	3,557
3	ELECTRICAL ENGINEERING	02	3,557
4	CHEMICAL ENGINEERING	02	3,557
5	BIO-MEDICAL ENGINEERING	02	3,557
6	TOILET BLOCK	04	1,248
TOTAL		--	20,811

FACULTY OFFICES

(PROFESSOR & ASSOCIATE PROFESSOR)

(Area in Sq. ft.)

Sr. No.	Departments	No. of Units	Gross Area
1	Civil Engineering	08	2,496
2	Electrical Engineering	04	1,248
3	Mechanical Engineering	04	1,248
4	TOILET BLOCK	04	1,248
TOTAL		--	6,240

FACULTY OFFICES

(ASSISTANT PROFESSOR & LECTURERS)

(Area in Sq. ft.)

Sr. No.	Departments	No. of Units	Gross Area
1	Civil Engineering	04	832
2	Electrical Engineering	04	832
3	Mechanical Engineering	04	832
4	Chemical Engineering	02	416
5	Toilet Block	02	624
TOTAL		--	3,536

NORWEGIAN CENTRE OF EXCELLENCE IN PETROLEUM STUDIES

(Area in Sq. ft.)

Sr. No.	Accommodation Type	No. of Units	Gross Area
1	Audio Visual Room	1	1,080
2	R&D/ Faculty Room	1	600
3	Attach Washroom/ Kitchenette	1	400
4	Corridor	1	882
5	Staircase/ Toilet Block	1	314
TOTAL		--	3,276

Total Gross Area = 58,485 Sq ft.

EXTERNAL DEVELOPMENT

#	Department	Unit	Qty.
1	Extension of Sewerage System including Man Hole etc.	Rft	600
2	Extension of Water Supply System	Rft	1,500
3	Extension of Gas Supply System	Job	04
4	Cabling Connection from Substation	Rft	1,500
5	Walkway / Pavers	Rft	5,000
6	New Road / Street	Rft	7,000

2. Number of Buildings & Lots

LOT -1

- Building of Department of Electrical / Mechanical Engineering 35,804 sft

LOT-2

- Building of Department of Civil Engineering 19,405 sft
- Building of Norwegian Centre 3,276 sft
- Maintenance shed for Light Vehicle 1,000 sft

3. TERMS OF REFERENCE

3.1 SCOPE OF SERVICES:

The following services will be included in the Scope of Services:

3.1.1 STAGE 1-PRELIMINARY/SCHEMATIC PLANNING AND INVESTIGATION PHASE

The Consultant shall submit preliminary planning proposals to the University for approval and for this purpose he shall:

- (i) Propose Master Planning & Layout of the new buildings.
- (ii) Furnish Schematic Plans, Elevations, Sections & Perspective Views of proposed building/structure.
- (iii) Make site investigations necessary for proper design and construction of the Project and check the structural stability of existing buildings for addition of another floor if required.
- (iv) Prepare statement of probable project construction cost based on plinth area or other sufficient preliminary information regarding the project.
- (v) Prepare 3-D rendered drawings/views of projects (computer generated) and submit Preliminary Drawings/Design feasibility report.
- (vi) Phasing and time schedule of the Project.

3.1.2 STAGE 2- DESIGN DEVELOPMENT PHASE

This phase will include the preparation of Working/Shop Drawings, Specifications, Details and Schedule of Finishes from the approved preliminary/schematic drawings in respect of the following:-

- (i) Architectural Drawings
- (ii) Structural Drawings
- (iii) Water Supply and Sanitary Drawings (Internal & External).
- (iv) Electrification Drawings (Internal & External).
- (v) HVAC Drawings
- (vi) Telecommunication & Gas Supply System Drawings.
- (vii) Networking Drawings.

3.1.3 STAGE 3 – CONSTRUCTION DOCUMENTS PHASE

Under this Phase the Consultants shall:

- (i) Prepare Tender drawings of A3 size/suitable size and submit Twelve (12) complete set of Tender Documents along-with drawings for each work/package/ lot
- (ii) Prepare working drawings of A0 size/suitable size and submit Four (04) complete set of Drawings for each work/package/ lot
- (iii) Submit design calculations in hard and soft copy.
- (iv) Prepare Description of works.
- (v) Submit Engineering estimate based on prevailing market rates and Composite Scheduled Rates of Government of Sindh.
- (vi) Prepare Pre-qualification Documents for Contractors.
- (vii) Scrutinize Pre-qualification of Contractor's applications and submit recommendations to the University.
- (viii) Prepare Standard Bid Documents (PEC/ECNEC/SPPRA Approved) for small/large projects according to estimated cost

- (ix) Scrutinize bids and submit report to the University and give recommendation for award of work.
- (x) Prepare Contract Agreement.

3.1.4 STAGE 4 – CONSTRUCTION PHASE

This phase will include overall supervision of construction

(1) OVERALL SUPERVISION OF CONSTRUCTION

The Consultants shall provide following services under overall Supervision:-

- i. Advise on the preparation of any contract relating to accepted tender for carrying out the works.
- ii. Issue necessary instructions to the Contractors with approval of the Client, to enable them to prepare their work/shop drawings; and check and approve the shop drawings.
- iii. Examine Contractors' proposals and their details.
- iv. Assist in settling disputes or differences, which may have arisen between the Client and the contractors.
- v. Deliver to the Client such records as are necessary for the operation and maintenance of the works.
- vi. Inspect the works prior to the expiration of the guarantee provided by the construction contract.
- vii. Undertake detailed supervision of the various stages of construction of the works, appoint Consultants Representative on site, duly qualified to cope up with the proper and effective execution of the works. The supervision to be undertaken by the Consultants shall include:
 - a) Checking of correct marking on the ground of the designed buildings, in relation to Bench Mark and Base Line.
 - b) Checking the layout of all the infra structure and Re-adjusting the layouts and/or the designs if such re-adjustment prove necessary according to requirements.
 - c) Fixing up design criteria and testing for structural and other materials before the start of the work so that it corresponds with design and make necessary changes if required, with prior consultation with the Client and his written/verbal approval.
 - d) Ensuring during construction selection and use of building materials in accordance with the specifications, accepting or rejecting the test reports, and recommending to Client for further action.
 - e) Ensuring that the Contractors carry out the construction in accordance with the final drawings and tender documents.
 - f) Suggesting substitute materials, whenever any material is not available and working out the cost of such materials, the credits to be allowed in favor of Client or contractor and the adjustments in design, if necessary, due to such substitutions.
 - g) Completing existing drawings and/or issuing new detailed drawings whenever it is deemed necessary to make adjustments in the construction.

- h) Holding meetings with the Client as desired and contractors as and when so required. Regular meetings programme will be fixed in advance of start up of the construction, which is to be followed throughout the construction period.
- i) Advise the Client for suspending of work whenever plans are not being accurately implemented or the work is not being done according to specifications.
- j) Ensuring that the contractors fulfill their obligations generally and particularly in respect of the proper implementation of the time schedule agreed upon by the Client and the contractor.
- k) Initiating variations in instructions relating to the works with prior permission of the Client.
- l) Checking bills for the works executed, recording measurement books and issuing certificates of payments to the contractors.
- m) Guarding the Client against the defects and deficiencies in the working of the contractors.
- n) Supervising the replacement of any work damaged by fire or other causes during construction.
- o) Advise the Procuring agency for Arranging for the work to proceed, if the contractors fail to proceed with the construction due to delinquency or insolvency.
- p) Checking completion drawings, showing construction changes in the works and final locations of mechanical service lines and outlets, and submission to the Client for maintenance purpose.
- q) Issuing completion certificate to contractors after entire satisfaction of the Client.
- r) Determining delays, extension of time and/or penalties against the Contractor and taking all precautionary measures to complete construction according to time schedule, and submission to the Client for further action.
- s) Check, approve and submit to University 02 sets “As Built” drawings submitted by the contractors both in Hard copy and soft copy (Auto CAD) format

The NED University of Engineering and Technology, reserves the right to accept or reject any or all proposals under relevant provisions of SPPRA rule, and reserves the right of vetting of the design.