

## CONSULTANT FIRM SELECTION CRITERIA

### Quality & Cost Based Selection

- 1- Technical Score Weightage based on Technical Evaluation = 80%  
(with minimum qualifying marks of 65%)
- 2- Financial Score Weightage based on Financial Proposal = 20%

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### MANDATORY REQUIREMENTS

Following are the mandatory requirements for the applicant consultant firms:

- i) License of the applicant Firm (Not the Individual) with Pakistan Engineering Council (PEC) having Project Profile Codes of 1201 (i) & (ii) or PCATP (Firms of Category A-1 only), valid up to June 30' 2019 or later.
- ii) Applicant Firm must be registered with FBR as well as with PRA and its name must be included in the Active Tax Payer List of FBR.
- iii) Documentary evidence of the year of establishment of the applicant Firm. Must have minimum 10 years' experience after registration with PEC or PCATP.

Further evaluation of only those firms will be done who have cleared above mandatory requirements.

### TECHNICAL EVALUATION (100 Marks)

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|--------------------------------------------------------------|----------|
| 1- Experience of Applicant Firm                              | 10 Marks |
| 2- Completed/ Ongoing Projects (General & Specific Projects) | 40 Marks |
| 3- Core Team of Professionals                                | 50 Marks |

Minimum Qualifying Marks = 65%

#### **1- Experience of Applicant Firm: 10 Marks**

If firm's experience is 20 years or more 10 Marks

If firm's experience is between 10 & 19 years 05 Marks+0.5 Mark for each successive year after 10 years.

#### **2- Completed/ Ongoing Projects: 40 Marks**

##### **A) General Experience: 10 Marks**

If the applicant firm has completed diversified assignments like survey, soil investigations, master planning including design of infrastructure facilities i.e. water

supply, sewerage, drainage, road, electrification design etc. then 02 Marks for each such assignment will be given with max. five projects.

**B) Relevant/ Specific Experience: 30 Marks**

Maximum 10 relevant projects, each having 03 marks.

i) Similarity in Nature (multi-storey building) = 01 Mark

ii) Scale/ Size/ Cost of Project = 01 Mark

01 mark will be given if project cost is Rs.500 M & more.

0.5 mark will be given if project cost is less than Rs.500 M

iii) Comparable Client Organization = 01 Mark

01 mark will be given if client is Government or Semi-Government Organization.

0.25 mark will be given if client is Private Organization.

Note: No credit of any project will be given, if documentary evidence in the form of completion or performance certification on client's letterhead is not attached. Contract agreement copy may also be considered.

**3- Core Team of Professionals: 50 Marks**

**a) Architect (15 Marks)**

Qualification: B. Arch = 4 Marks

Master Degree = 5 Marks

Experience: Fifteen years or more Work Experience = 10 Marks

Reduction of 2 marks for each year lesser than 15.

Architect having experience less than 10 years will have zero mark.

**b) Structural Engineer (15 Marks)**

Qualification: B.Sc Civil Engineering = 2 Marks

M.Sc Structural Engineering = 4 Marks

PhD in Structural Engineering = 5 Marks

Experience: Fifteen years or more Work Experience = 10 Marks

Reduction of 2 marks for each year lesser than 15.

Structural Engineer having experience less than 10 years will have zero mark.

**c) Public Health Engineer (05 Marks)**

Qualification: B.Sc Civil Engineering = 1 Marks

Master in Public Health Engineering = 2 Marks

Experience: Ten years or more Work Experience = 3 Marks

Reduction of one mark for each year lesser than ten years.

Public Health Engineer having experience less than 07 years will have zero mark.

**d) Electrical Engineer (10 Marks)**

Qualification: B.Sc Electrical Engineering = 3 Marks

Master in Electrical Engineering = 4 Marks

Experience: Fifteen years or more Work Experience = 6 Marks

Reduction of one mark for each year lesser than 15.

Electrical Engineer having experience less than 10 years will have zero mark.

**e) HVAC Engineer (05 Marks)**

Qualification: B.Sc Mechanical Engineering = 1 Marks

Master in Mechanical Engineering = 2 Marks

Experience: Fifteen or more Years Work Experience = 3 Marks

Reduction of half mark for each year lesser than 15.

HVAC Engineer having experience less than 10 years will have zero mark.

Minimum sixty five percent (65%) qualify marks will be required as qualifying marks. The financial proposals of the qualified firms having technical score more than 65 will be opened only.

**FINANCIAL EVALUATION (100 Marks)**

The Financial Proposals of only those firms will be opened/ considered who have obtained the minimum qualifying marks in the technical evaluation.

The Financial Bid of qualified firm with the lowest cost will be given a financial score of 100 and other bids given scores that are inversely proportional to their prices.

The final rating will be arrived at with a combination of technical scores and price scores by giving weightage of 80% to the former and 20% to the latter; the lowest offered price (LOP) would be used as numerator and Candidates price (CP) as the denominator.

$$\text{Price Score} = \frac{\text{LOP} \times 100}{\text{CP}}$$

$$\text{Final Score} = \text{Technical Evaluation Score} \times 80\% + \text{Price Score} \times 20\%.$$

LOP = Lowest price offered by a qualified firm.

CP = Price offered by each qualified firm.

EXAMPLE

Name of Firm	Technical Score	Financial Values of Bids (Rs. In Million)	Price Score	Final Score
A	80	7.00	64	77.6
B	70	5.50	<del>82</del> 72	71.8
C	65	6.00	75	66.5
D	60	4.50	100	66.0

METHOD OF CALCULATION OF FINAL SCORE:

Price Score:  $\frac{\text{Lowest Offer Price (LOP)} \times 100}{\text{Candidate Price (CP)}}$

Price Score of Firm A:  $\frac{4500000}{7000000} \times 100 = 64.28$

Final Score of Firm A:

Technical Evaluation Score x 80% + Price Score x 20%

= 80 x 80% + 64 x 20%

= 64 + 12.8

= 76.80

Result: Firm 'A' (being the highest scorer) will be eligible for the award of Work.

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