GEEM 445
Engineering Ethics and Professional Practices



PROCUREMENT OF INTELLECTUAL AND PROFESSIONAL SERVICES

(Rules-103-112)

Goods/Works & Services Differences

Goods/Works	Services
• **Product based**-physical deliverables	• **Knowledge based-** intellectual deliverables
• **Open** competition	• Open followed by **short listing**
• **Price** is a major evaluation factor	• **Quality i**s a prime evaluation factor

Question: Write down the differences between goods and services in public procurement methods.

Goods/Works & Services

Differences (cont..)

Goods/Works	Services
• Detailed **specifications**	• Terms of references **(ToR)**
• **Single/ Two** envelope	• **Two** envelope
• **No negotiation** (except direct procurement)	• **Negotiations mandatory**
• Invitation for Tender **(IFT)**	• Request for proposals **(RFP)**
• Tender and performance **securities**	• **No** such securities but indemnification

Uses of Consultants

- Master plans
- Feasibility studies
- Design studies
- Tender Document
- Procurement assistances
- Construction supervision
- Project management
- Quality management
- Policy and strategy
- Institution building
- Training

Procurement Methods (Intellectual & Professional services)

Preferred Methods

Two options according to nature & complexity

- **Quality and Cost Based Selection (QCBS)**
  - Consider the quality and cost of the services
- **Fixed Budget Selection (FBS)**
  - Available budget is fixed

Other Methods

Relates to PE's requirements (Rule-104)

- Least Cost Selection (LCS)
- Single Source Selection (SSS)
- Community Service Organization Selection (CSOS)
- Individual Consultant Selection (ICS)
- Selection Based on Consultant Qualifications (SBCQ)
- Design Contest Selection (DCS)

Preferred methods:

1. **QCBS (Quality and Cost Based Selection)**

Rule-103 (4)(a) Key considerations

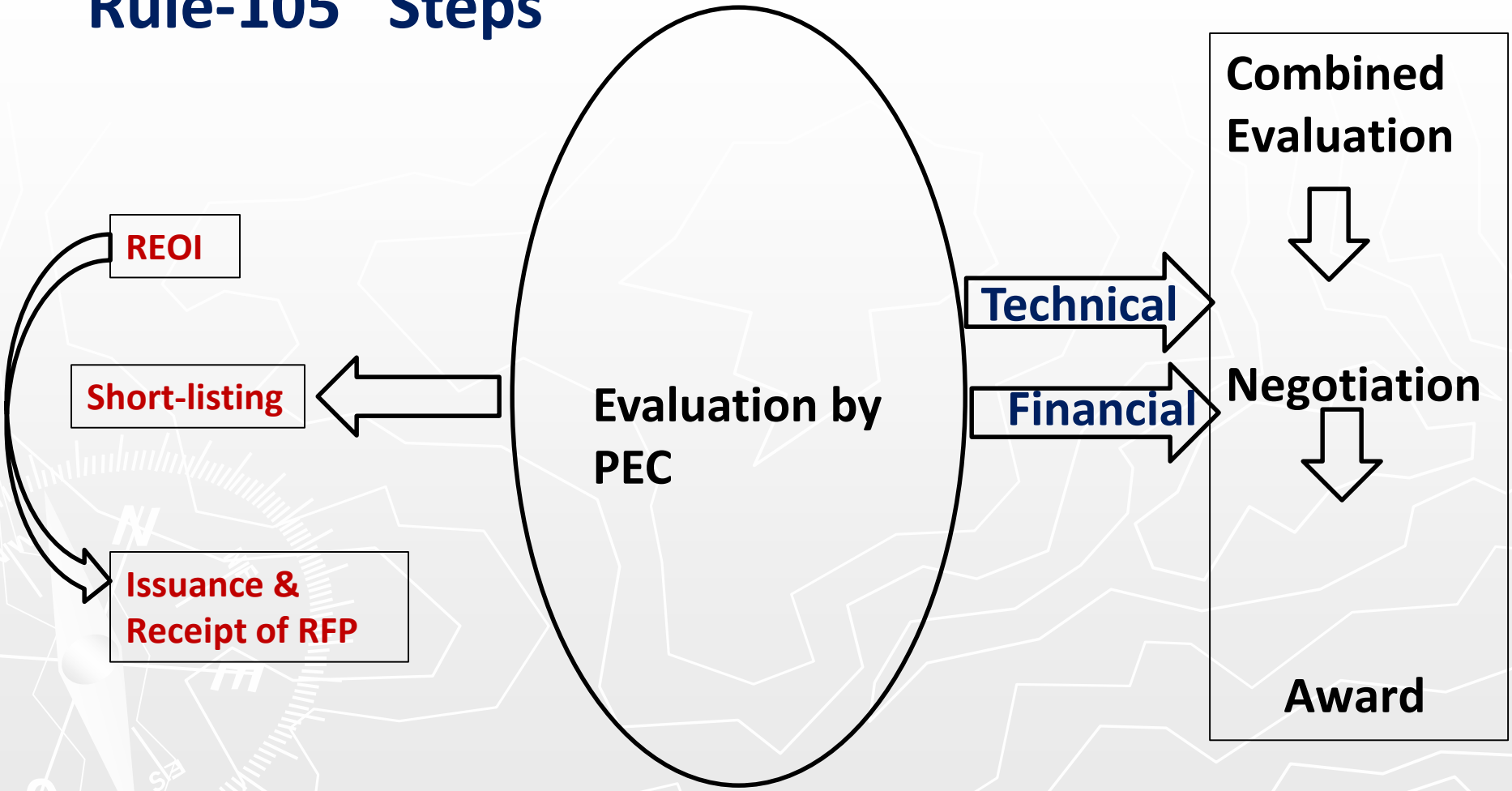
- **Takes into account –**
  - **Quality** of the proposal
  - **Cost** of the services

Quality Over-weighs cost

Question: Briefly describe the Quality and Cost Based Selection(QBCS) for the procurement of intellectual and professional services.

Quality and Cost Based Selection

Rule-105 Steps



Following RFP & Rules

Government of the People's Republic of Bangladesh

Local Government Engineering Department
"Construction of Important Bridges on Rural Roads"
LGED, LGED Bhaban (Level-09)
Agargaon, Sher-e-Bangla Nagar
Dhaka-1207
www.lged.gov.bd

উন্নয়নের গণতন্ত্র
শেখ হাসিনার মূলমন্ত্র

Memo No: 46.02.0000.825.11.007(part-01).18.2030 Dated : 30/07/2018

Request for Expression of Interest (EOI)

1	Ministry/Division	Ministry of Local Government, Rural Development & Co-operatives /Local Government Division	
2	Agency	Local Government Engineering Department (LGED)	
3	Procuring Entity Name	Project Director, Construction of Important Bridges on Rural Roads.	
4	Procuring Entity Code	Not at present.	
5	Procuring Entity District	Dhaka	
6	Expression of Interest (EOI) for selection of Individual Consultant	Selection of Individual Consultant (National) (Time Based)	
7	EOI Ref. No.	Memo No: 46.02.0000.825.11.007(part-01).18.2030	
8	Ref. Date	30/07/2018	
KEY INFORMATION			
9	Procurement Sub-Method	Selection of Individual Consultant (National) (Time Based)	
FINDING INFORMATION			
10	Budget and Source of Funds	GOB	
11	Development Partners (if applicable)	Not Applicable	
PARTICULAR INFORMATION			
12	Project Code (if applicable)	5213	
13	Project Name	Construction of Important Bridges on Rural Roads.	
14	Place of EOI submission	Office of the Project Director, Construction of Important Bridges on Rural Roads, LGED Bhaban, Level-9, LGED H/Q, Agargaon, Sher-e-Bangla Nagar, Dhaka-1207.	
15	EOI closing date & time	Date	Time

INFORMATION FOR APPLICANT							
16	Brief Description of Assignment	Package No.	Proposed Post, Number & Tentative Duration	Minimum Qualification	Minimum Experience	Working Station	Scope of Works
		CIB-S-21 to CIB -S-27	Field Engineer (7 Persons) (30 Months)	B.Sc in Civil engineering from any reputed University.	At least 12 years of overall experiences, out of which 10 years relevant experience in supervision of bridge project.	Construction site of bridges as assigned by the PD.	Detail as TOR
		CIB-S-49 to CIB-S-51, CIB-S-82 to CIB-S-93	Assistant Field Engineer (15 Persons) (30 Months)	Diploma in Civil Engineering from any reputed public Institute/ B.Sc in Civil Engineering from any reputed University.	*For B.Sc in Civil Engineering-At least 7 years of overall experiences, out of which 5 years of relevant experience. *For Diploma in Civil Engineering- At least 12 years of overall experiences, out of which 10 years of relevant experience.	Construction site of bridges as assigned by the PD	Detail as TOR
17	Other information			Individual Consultant will be selected in accordance with the procedures set out in the PPR-2008. Detailed information may be collected from the undersigned office during office hour.			
18	Association with foreign firm is			Not encouraged.			
PROCURING ENTITY DETAILS							
19	Name of Official Inviting EOI			Md. Allah Hafiz			
20	Designation of Official Inviting EOI			Project Director			
21	Address of Official Inviting EOI			Level-9, LGED Bhaban, Agargaon, Dhaka-1207			
22	Contact details of Official Inviting EOI			Telephone : 088- 02 48111523 (office), E-mail: pd.cibrr@lged.gov.bd			

* The procuring entity reserves the right to accept or reject any or all EOI.
* A complete set of "Request for Application" including Terms of Reference may be obtained from the office of the undersigned.
* RFA must be delivered to the address below in sealed envelope on or before 27 August 2018 during 2.00 PM with clearly mention the name of post.

(Md. Allah Hafiz)
Project Director
Tel : 02- 48111523 (Off)

PF-260-1509/18 (9"x4)

2. FBS (Fixed Budget Selection)

- **Rule 103(4) b Applicability**
  - **Assignment is relatively simple** & can be precisely defined.
  - **Budget is fixed**

Rule 106: Procedure

- **Same as QCBS except the following:**
  - **RFP shall provide** the available budget (excluding the applicable taxes).
  - **ToRs prepared** with due regard to budget.
  - **Consultant provides breakdown of costs** in designated place.

Other Methods:

1. LCS (Least Cost Selection)

Key Considerations (Rule 104 a)

- In cases where service is
  - **Standard or routine nature**. e.g audits, architectural & engineering design of non-complex works where established practice & standards exist.
  - **Cost within the threshold**
  - Threshold maximum Tk 50 lac

2. SSS (Single Source Selection)

Rule 104 (d) Applicability

- Clear advantage over competition-
  - Where **rapid selection** is essential.
  - Where only one firm or individual consultant has **experience of exceptional worth.**
  - For **low value small assignments** within threshold.

  - Threshold: Tk 10 lac for Firms and Tk 5 lac for individual

3. CSOS (Community Service Organization Selection)

Rule 104 (c)

- **Well qualified** to assist in the preparation, management & implementation of **community development projects or programs** because of their involvement & knowledge of local issues, community needs or participatory approaches.

Reputable NGOs, community services or voluntary non-profit organizations

CSOS (cont..)

Rule 109 **Procedure**

- Depending on
  - Size of the assignment
  - Knowledge of the inputs required
- **Follow any of the methods**:
  - QCBS
  - LCS
  - SSS

Implementation aspects of community activities and experience & local may carry more points

4. ICS (Individual Consultants Selection)

Rule-112(1)

- **Qualification and experience** of individual consultants are paramount.
- No team of staff required
- No additional professional support required.

Rule-112: Procedure

- **May be selected following an EOI/without EOI**
  - Through advertisement
  - Approaching directly by the PE

- **Employment of Individual consultant without EOI.** The Conditions are
  - If the assignment is a **continuation** of the previous.
  - If the **duration** is less than 6 months.
  - If it becomes necessary to accomplish the assignment **on urgent basis** due to natural disaster.

5. SBCQ (Selection Based on Consultant Qualification)

Rule 104 (b)

- **PE may consider**
  - **Brief evaluation studies** at critical decision points of projects.
  - **Executive assessment** of strategic plans.
  - **High level, short-term legal expertise**
  - **Participation in project review expert panels.**

Selection Based on Consultant Qualifications (cont..)

Rule 108 **Procedure**

- **PE to Selects** the consultants with the best **possible qualifications.**
- Prepares the **ToRs and then issue & receipt REOI**
- **Short-list** the consultants based on their experience, competence relevant to the assignment
- **Select** the consultant with **best qualification**
- Selected firm shall be asked to **submit a combined Technical and Financial Proposa**l and will then be **invited to negotiate the Contract** if the Technical Proposal proves acceptable

Question: What do you mean by SBCQ ? Briefly describe the procedure of consultant selection based on consultant qualifications.

6. DCS (Design Contest Selection)

Rule 111

- Technical **excellence & innovation** are of prime considerations

Conceptual design for monument, research center, HQs etc

EOI of DCS (Design Contest Selection)

Government of the People's Republic of Bangladesh
Bangladesh Police
Police Headquarters, Dhaka.
www.police.gov.bd

Memo No-STOP GBV/44.01.0000.037.06.004.17- 794 Date : 28/11/ 2017

Advertisement of Expression of Interest (EOI) for selecting consultancy firm for Develop CDMS Oparation Manual to Enhance the smooth operation of CDMS & Design (national).

1.	Ministry/ Division	Ministry of Home Affairs.
2.	Agency	Bangladesh Police.
3.	Procuring Entity	DIG (SCM), Bangladesh Police, Police Headquarters, Dhaka.
4.	Expression of Interest	**For selection of consulting firm.**
5.	EOI Reference No	**STOP GBV/ 44.01.0000.037.06.004.17-03 (2017-2018)**
6.	Date	**28 November 2017**
Key information		
7.	Procurement method	Quality & Cost Based Selection (QCBS).
Funding information		
8.	Budget & source of fund	UNFPA FUND.
Particular information		
9.	Project/program code	4874
10.	Project/program name	**Develop CDMS Oparation Manual to Enhance the smooth operation of CDMS [Development of Manual, Design and Printing] [Total 3000 copies]**
11.	EOI Tender Publication date	29 November 2017
12.	EOI Submission date & time	13 December 2017 at 13.00 hrs
13.	EOI opening date and time	13 December 2017 at 13.30 hrs
Information of Applicant		
14.	**Brief description of the assignment.**	• Consultation with the relevant police officials to have an understanding on CDMS system. • Consultation with the concerned personnel on the conceptual framework of operation Manual. • Outline an operation plan and share with Bangladesh Police and UNFPA. • Finalized final Operation Plan and share with relevant personnel. • Provide Capacity building training to the police officials on the CDMS operation Manual.

EOI of DCS (Design Contest Selection)

15.	**Qualification and Experience.**	**1. Qualification:** Masters or Post graduate degree in Software Development or relevant field. **2. Experience:** • Minimum 7 years' experience working in International Development organization. • Extensive knowledge on development training manual and operational guide. • Strong understanding of human rights, gender equality, sexual and gender based violence (SGBV), role of law enforcement agencies particularly Bangladesh Police in addressing SGBV, response to GBV, and child marriage; • Strong analytical, conceptual, and writing skills; and • Experience working with UN and/or other development organizations in Bangladesh an advantage. **3. Attested copies of the following documents must be submitted :** **In Case of Individual :** (a) Educational qualifications, (b) Birth certificate/NID, (c) Years of working experience. (d) Certificate of highest degree.(e) E TIN & Income Tax Return Certificate. **In Case of Firm:** (a) Trade license, (b) Work experience in related field, (c) Educational qualifications of the chief executive of the firm, (d) CV letter of consent to undertake the assignment, (e) Capacity of the firm (Infrastructure/logistic-transport, photocopier, scanner etc.), number of consultant staffs. (f) Income Tax Return Certificate. • Consultancy proposal in consistence with the topics mentioned above.

Procuring Entity Details				
16.	Name of Official Inviting Tender	Dr. A.F.M Masum Rabbani.		
17.	Designation of Official Inviting Tender	DIG (SCM), Bangladesh Police, Police Headquarters, Dhaka		
18.	Address of Official Inviting Tender	NCCOM Building (2nd Floor) Sepcial Crime Management, Police Headquarters, 6 Phoenix Road, Fulbaria, Dhaka.		
19.	Contact details of Official Inviting Tender	Tel:-9562899	Fax-9551316	addidgsc_p@police.gov.bd
20.	Appropriate authority reserves the right to accept or reject any or all EOIs'			

27/11/19

Dr. A.F.M Masum Rabbani
DIG (SCM)
&
Project Director-STOP-GBV,
On behalf of Inspector General Bangladesh Police
Police Headquarters, Dhaka.
Tel:-9562849
E-mail: addidgsc_p@police.gov.bd

PF-267-2308/17 (12x4)

DCS (cont…)

Rule-111 Steps

Issuance of RFDP

Receipt of Sealed Proposal

Open by POC

Evaluation by PEC

Technical & Financial Proposal

Winning Applicant

Negotiation

Question: What do you mean by Design Contest Selection (DCS) method? Describe the procedures of consultant selection by DCS method.

Preferred Methods:

- Quality and Cost Based Selection (QCBS)
- Fixed Budget Selection (FBS)

Other Methods: Relates to PE's requirements (Rule-104)

- Least Cost Selection (LCS)
- Single Source Selection (SSS)
- Community Service Organization Selection (CSOS)
- Individual Consultant Selection (ICS)
- Selection Based on Consultant Qualifications (SBCQ)
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Thank you