

Request for Proposals Consulting Services For Selection of Engineering, Design & Construction Supervision Consultant Cluster Central

PK-LG& CD-289251-CS-QCBS

21.1 (for FTP)	<p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:</p> <p style="text-align: right;"><u>Points</u></p> <p>(i) Specific experience of the Consultant (as a firm) relevant to the Assignment: [10]</p> <p>(ii) Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs): [30]</p> <p style="margin-left: 40px;">(a) Technical Approach, Methodology, Sampling Techniques Understanding & Innovativeness, and Quality Assurance Certifications / ISO etc. [25]</p> <p style="margin-left: 40px;">(b) Work Plan [05]</p> <p>(iii) Key Experts' qualifications and competence for the Assignment:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 5%;">Sr #</th> <th style="width: 75%;">Position</th> <th style="width: 20%;">Score</th> </tr> </thead> <tbody> <tr><td>1)</td><td>Team Leader (Water Supply & Sanitation Expert)</td><td>6</td></tr> <tr><td>2)</td><td>Design Engineer (Water Supply Expert) (4 Persons)</td><td>6</td></tr> <tr><td>3)</td><td>Sanitation Expert/Public Health Engineer (4 Persons)</td><td>6</td></tr> <tr><td>4)</td><td>Groundwater Expert (4 Persons)</td><td>6</td></tr> <tr><td>5)</td><td>Design Engineer (Senior Structure Engineer)</td><td>3</td></tr> <tr><td>6)</td><td>Solid Waste Management Expert</td><td>3</td></tr> <tr><td>7)</td><td>Design Engineer (Electromechanical Expert)</td><td>3</td></tr> <tr><td>8)</td><td>Geotechnical Expert</td><td>2</td></tr> <tr><td>9)</td><td>GIS Expert</td><td>2</td></tr> <tr><td>10)</td><td>Environmental Expert</td><td>3</td></tr> <tr><td>11)</td><td>Procurement & Contracts Management Expert</td><td>3</td></tr> <tr><td>12)</td><td>Resident Engineer (Civil Engineer) (4 Persons)</td><td>6</td></tr> <tr><td>13)</td><td>Municipal Operational and Business Model Expert</td><td>3</td></tr> <tr><td>14)</td><td>Institutional Development Specialist</td><td>3</td></tr> <tr> <td colspan="2" style="text-align: right;">Total points for criterion (iii):</td> <td>55</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;">Total points for criterion (iii): [55]</p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <p style="margin-left: 40px;">1) General qualifications (general education, training, and experience): [30 %]</p> <hr style="width: 20%; margin-left: 40px;"/> <p style="margin-left: 40px;">2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments) : [60%]</p>	Sr #	Position	Score	1)	Team Leader (Water Supply & Sanitation Expert)	6	2)	Design Engineer (Water Supply Expert) (4 Persons)	6	3)	Sanitation Expert/Public Health Engineer (4 Persons)	6	4)	Groundwater Expert (4 Persons)	6	5)	Design Engineer (Senior Structure Engineer)	3	6)	Solid Waste Management Expert	3	7)	Design Engineer (Electromechanical Expert)	3	8)	Geotechnical Expert	2	9)	GIS Expert	2	10)	Environmental Expert	3	11)	Procurement & Contracts Management Expert	3	12)	Resident Engineer (Civil Engineer) (4 Persons)	6	13)	Municipal Operational and Business Model Expert	3	14)	Institutional Development Specialist	3	Total points for criterion (iii):		55
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	<p>3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.): _____ [10 %]</p> <p style="text-align: right;">Total weight: 100%</p> <p>(iv) Transfer of knowledge (training) program (relevance of approach and methodology):</p> <p style="text-align: right;">Total points for criterion (iv): [5]</p> <p>Total points for three criteria (i+ii+iii+iv): 100 Points</p> <p>The minimum technical score (St) required to pass is: <u>70 Points</u></p>
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4.1: Indicative time allocation of staff

The services will require the following person-months of national consultant inputs for each cluster. Expected inputs for key and non-key experts are set out in the table below:

Central

	Staff Position	Person No.	Design Phase	Supervision Phase	Total Duration
			Person Month	Person Month	Person Month
	National (Key Experts)				
1	Team Leader (Water Supply & Sanitation Expert)	1	12	20	32
2	Design Engineer (Water Supply Expert)	4	36	12	48
3	Sanitation Expert/Public Health Engineer	4	36	12	48
4	Groundwater Expert	4	36	12	48
5	Design Engineer (Senior Structure Engineer)	1	9	3	12
6	Solid Waste Management Expert	1	9	3	12
7	Design Engineer (Electromechanical Expert)	1	9	3	12
8	Geotechnical Expert	1	9	3	12
9	GIS Expert	1	9	3	12
10	Environmental Expert	1	9	3	12
11	Procurement & Contracts Management Expert	1	9	3	12
12	Resident Engineer (Civil Engineer)	4	0	80	80

13	Municipal Operational and Business Model Expert	1	4	2	6
14	Institutional Development Specialist	1	3	3	6
	Sub-Total National Experts		190	162	352
	National (Non-Key Experts)				
1	Assistant Water Supply Engineer	4	36	12	48
2	Assistant Sanitation Engineer/Public Health Engineer	4	36	12	48
3	Social Safeguard Specialist	4	36	12	48
4	Quantity Surveyor	4	36	12	48
5	Economist/Financial Expert	1	9	3	12
6	Gender Specialist	1	2	6	8
7	IoT Design Expert	1	3	3	6
8	Assistant Resident Engineers (Civil Engineer)	8	0	160	160
9	HSE Expert/Assistant Sanitation Expert	1	0	20	20
10	Material Engineer/Quality Control Engineer	4	0	80	80
11	Site Inspector	60	0	1200	1200
	Sub-Total Non-Key Experts		158	1520	1678
	Total (Key + Non-Key Experts)		348	1682	2030

Request for Proposals Consulting Services For Selection of Engineering, Design & Construction Supervision Consultant Cluster North

PK-LG& CD-289246-CS-QCBS

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4.1: Indicative time allocation of staff

The services will require the following person-months of national consultant inputs for each cluster. Expected inputs for key and non-key experts are set out in the table below:

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	Staff Position	Person No.	Design Phase	Supervision Phase	Total Duration
			Person Month	Person Month	Person Month
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3	Social Safeguard Specialist	4	36	12	48
4	Quantity Surveyor	4	36	12	48
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6	Gender Specialist	1	2	6	8
7	IoT Design Expert	1	3	3	6
8	Assistant Resident Engineers (Civil Engineer)	8	0	160	160
9	HSE Expert/Assistant Sanitation Expert	1	0	20	20
10	Material Engineer/Quality Control Engineer	4	0	80	80
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	Sub-Total Non-Key Experts		158	1520	1678
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PK-LG& CD-289253-CS-QCBS

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9	GIS Expert	1	9	3	12
10	Environmental Expert	1	9	3	12
11	Procurement & Contracts Management Expert	1	9	3	12
12	Resident Engineer (Civil Engineer)	2	0	40	40

13	Municipal Operational and Business Model Expert	1	4	2	6
14	Institutional Development Specialist	1	3	3	6
	Sub-Total National Experts		136	104	240
	National (Non-Key Experts)				
1	Assistant Water Supply Engineer	2	18	6	24
2	Assistant Sanitation Engineer/Public Health Engineer	2	18	6	24
3	Social Safeguard Specialist	2	18	6	24
4	Quantity Surveyor	2	18	6	24
5	Economist/Financial Expert	1	9	3	12
6	Gender Specialist	1	2	6	8
7	IoT Design Expert	1	3	3	9
8	Assistant Resident Engineers (Civil Engineer)	4	0	80	80
9	HSE Expert/Assistant Sanitation Expert	1	0	20	20
10	Material Engineer/Quality Control Engineer	2	0	40	40
11	Site Inspector	60	0	1200	1200
	Sub-Total Non-Key Experts		86	1376	1465
	Total (Key + Non-Key Experts)		222	1480	1705

Request for Proposals Consulting Services For Selection of Engineering, Design & Construction Supervision Consultant Cluster South-II

PK-LG& CD-353899-CS-QCBS

21.1 (for FTP)	<p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:</p> <p style="text-align: right;"><u>Points</u></p> <p>(i) Specific experience of the Consultant (as a firm) relevant to the Assignment: [10]</p> <p>(ii) Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs): [30]</p> <p style="margin-left: 40px;">(g) Technical Approach, Methodology, Sampling Techniques Understanding & Innovativeness, and Quality Assurance Certifications / ISO etc. [25]</p> <p style="margin-left: 40px;">(h) Work Plan [05]</p> <p>(iii) Key Experts' qualifications and competence for the Assignment:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="text-align: center;">Sr #</th> <th style="text-align: center;">Position</th> <th style="text-align: center;">Score</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">43)</td><td>Team Leader (Water Supply & Sanitation Expert)</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">44)</td><td>Design Engineer (Water Supply Expert) (3 Persons)</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">45)</td><td>Sanitation Expert/Public Health Engineer (3 Persons)</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">46)</td><td>Groundwater Expert (3 Persons)</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">47)</td><td>Design Engineer (Senior Structure Engineer)</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">48)</td><td>Solid Waste Management Expert</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">49)</td><td>Design Engineer (Electromechanical Expert)</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">50)</td><td>Geotechnical Expert</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">51)</td><td>GIS Expert</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">52)</td><td>Environmental Expert</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">53)</td><td>Procurement & Contracts Management Expert</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">54)</td><td>Resident Engineer (Civil Engineer) (3 Persons)</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">55)</td><td>Municipal Operational and Business Model Expert</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">56)</td><td>Institutional Development Specialist</td><td style="text-align: center;">3</td></tr> <tr> <td colspan="2" style="text-align: right;">Total points for criterion (iii):</td> <td style="text-align: center;">55</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;">Total points for criterion (iii): [55]</p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <p style="margin-left: 40px;">1) General qualifications (general education, training, and experience): _____ [30 %]</p> <p style="margin-left: 40px;">2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments) : _____ [60%]</p>	Sr #	Position	Score	43)	Team Leader (Water Supply & Sanitation Expert)	6	44)	Design Engineer (Water Supply Expert) (3 Persons)	6	45)	Sanitation Expert/Public Health Engineer (3 Persons)	6	46)	Groundwater Expert (3 Persons)	6	47)	Design Engineer (Senior Structure Engineer)	3	48)	Solid Waste Management Expert	3	49)	Design Engineer (Electromechanical Expert)	3	50)	Geotechnical Expert	2	51)	GIS Expert	2	52)	Environmental Expert	3	53)	Procurement & Contracts Management Expert	3	54)	Resident Engineer (Civil Engineer) (3 Persons)	6	55)	Municipal Operational and Business Model Expert	3	56)	Institutional Development Specialist	3	Total points for criterion (iii):		55
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46)	Groundwater Expert (3 Persons)	6																																															
47)	Design Engineer (Senior Structure Engineer)	3																																															
48)	Solid Waste Management Expert	3																																															
49)	Design Engineer (Electromechanical Expert)	3																																															
50)	Geotechnical Expert	2																																															
51)	GIS Expert	2																																															
52)	Environmental Expert	3																																															
53)	Procurement & Contracts Management Expert	3																																															
54)	Resident Engineer (Civil Engineer) (3 Persons)	6																																															
55)	Municipal Operational and Business Model Expert	3																																															
56)	Institutional Development Specialist	3																																															
Total points for criterion (iii):		55																																															

	<p>3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.): _____ [10 %]</p> <p style="text-align: right;">Total weight: 100%</p> <p>(iv) Transfer of knowledge (training) program (relevance of approach and methodology):</p> <p style="text-align: right;">Total points for criterion (iv): [5]</p> <p>Total points for three criteria (i+ii+iii+iv): 100 Points</p> <p>The minimum technical score (St) required to pass is: <u>70 Points</u></p>
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4.1: Indicative time allocation of staff

The services will require the following person-months of national consultant inputs for each cluster. Expected inputs for key and non-key experts are set out in the table below:

South – II

	Staff Position	Person No.	Design Phase	Supervision Phase	Total Duration
			Person Month	Person Month	Person Month
	National (Key Experts)				
1	Team Leader (Water Supply & Sanitation Expert)	1	12	20	32
2	Design Engineer (Water Supply Expert)	3	27	9	36
3	Sanitation Expert/Public Health Engineer	3	27	9	36
4	Groundwater Expert	3	27	3	30
5	Design Engineer (Senior Structure Engineer)	1	9	3	12
6	Solid Waste Management Expert	1	9	3	12
7	Design Engineer (Electromechanical Expert)	1	9	3	12
8	Geotechnical Expert	1	9	3	12
9	GIS Expert	1	9	3	12
10	Environmental Expert	1	9	3	12
11	Procurement & Contracts Management Expert	1	9	3	12
12	Resident Engineer (Civil Engineer)	3	0	60	60

13	Municipal Operational and Business Model Expert	1	4	2	6
14	Institutional Development Specialist	1	3	3	6
	Sub-Total National Experts		163	127	290
	National (Non-Key Experts)				
1	Assistant Water Supply Engineer	3	27	9	36
2	Assistant Sanitation Engineer/Public Health Engineer	3	27	9	36
3	Social Safeguard Specialist	3	27	9	36
4	Quantity Surveyor	3	27	9	36
5	Economist/Financial Expert	1	9	3	12
6	Gender Specialist	1	2	6	8
7	IoT Design Expert	1	3	3	6
8	Assistant Resident Engineers (Civil Engineer)	6	0	120	120
9	HSE Expert/Assistant Sanitation Expert	1	0	20	20
10	Material Engineer/Quality Control Engineer	3	0	60	60
11	Site Inspector	60	0	1200	1200
	Sub-Total Non-Key Experts		122	1448	1570
	Total (Key + Non-Key Experts)		285	1575	1860

Request for Proposals Consulting Services For Selection of Engineering, Design & Construction Supervision Consultant Cluster South-III

PK-LG& CD-353901-CS-QCBS

21.1 (for FTP)	<p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:</p> <p style="text-align: right;"><u>Points</u></p> <p>(i) Specific experience of the Consultant (as a firm) relevant to the Assignment: [10]</p> <p>(ii) Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs): [30]</p> <p style="margin-left: 40px;">(i) Technical Approach, Methodology, Sampling Techniques Understanding & Innovativeness, and Quality Assurance Certifications / ISO etc. [25]</p> <p style="margin-left: 40px;">(j) Work Plan [05]</p> <p>(iii) Key Experts' qualifications and competence for the Assignment:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 5%;">Sr #</th> <th style="width: 75%;">Position</th> <th style="width: 20%;">Score</th> </tr> </thead> <tbody> <tr><td>57)</td><td>Team Leader (Water Supply & Sanitation Expert)</td><td>6</td></tr> <tr><td>58)</td><td>Design Engineer (Water Supply Expert) (3 Persons)</td><td>6</td></tr> <tr><td>59)</td><td>Sanitation Expert/Public Health Engineer (3 Persons)</td><td>6</td></tr> <tr><td>60)</td><td>Groundwater Expert (3 Persons)</td><td>6</td></tr> <tr><td>61)</td><td>Design Engineer (Senior Structure Engineer)</td><td>3</td></tr> <tr><td>62)</td><td>Solid Waste Management Expert</td><td>3</td></tr> <tr><td>63)</td><td>Design Engineer (Electromechanical Expert)</td><td>3</td></tr> <tr><td>64)</td><td>Geotechnical Expert</td><td>2</td></tr> <tr><td>65)</td><td>GIS Expert</td><td>2</td></tr> <tr><td>66)</td><td>Environmental Expert</td><td>3</td></tr> <tr><td>67)</td><td>Procurement & Contracts Management Expert</td><td>3</td></tr> <tr><td>68)</td><td>Resident Engineer (Civil Engineer) (3 Persons)</td><td>6</td></tr> <tr><td>69)</td><td>Municipal Operational and Business Model Expert</td><td>3</td></tr> <tr><td>70)</td><td>Institutional Development Specialist</td><td>3</td></tr> <tr> <td colspan="2" style="text-align: right;">Total points for criterion (iii):</td> <td>55</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;">Total points for criterion (iii): [55]</p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <p style="margin-left: 40px;">1) General qualifications (general education, training, and experience): [30 %]</p> <hr style="width: 20%; margin-left: 40px;"/> <p style="margin-left: 40px;">2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments) : [60%]</p>	Sr #	Position	Score	57)	Team Leader (Water Supply & Sanitation Expert)	6	58)	Design Engineer (Water Supply Expert) (3 Persons)	6	59)	Sanitation Expert/Public Health Engineer (3 Persons)	6	60)	Groundwater Expert (3 Persons)	6	61)	Design Engineer (Senior Structure Engineer)	3	62)	Solid Waste Management Expert	3	63)	Design Engineer (Electromechanical Expert)	3	64)	Geotechnical Expert	2	65)	GIS Expert	2	66)	Environmental Expert	3	67)	Procurement & Contracts Management Expert	3	68)	Resident Engineer (Civil Engineer) (3 Persons)	6	69)	Municipal Operational and Business Model Expert	3	70)	Institutional Development Specialist	3	Total points for criterion (iii):		55
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4.1: Indicative time allocation of staff

The services will require the following person-months of national consultant inputs for each cluster. Expected inputs for key and non-key experts are set out in the table below:

South – III

	Staff Position	Person No.	Design Phase	Supervision Phase	Total Duration
			Person Month	Person Month	Person Month
	National (Key Experts)				
1	Team Leader (Water Supply & Sanitation Expert)	1	12	20	32
2	Design Engineer (Water Supply Expert)	3	27	9	36
3	Sanitation Expert/Public Health Engineer	3	27	9	36
4	Groundwater Expert	3	27	3	30
5	Design Engineer (Senior Structure Engineer)	1	9	3	12
6	Solid Waste Management Expert	1	9	3	12
7	Design Engineer (Electromechanical Expert)	1	9	3	12
8	Geotechnical Expert	1	9	3	12
9	GIS Expert	1	9	3	12
10	Environmental Expert	1	9	3	12
11	Procurement & Contracts Management Expert	1	9	3	12
12	Resident Engineer (Civil Engineer)	3	0	60	60

13	Municipal Operational and Business Model Expert	1	4	2	6
14	Institutional Development Specialist	1	3	3	6
	Sub-Total National Experts		163	127	290
	National (Non-Key Experts)				
1	Assistant Water Supply Engineer	3	27	9	36
2	Assistant Sanitation Engineer/Public Health Engineer	3	27	9	36
3	Social Safeguard Specialist	3	27	9	36
4	Quantity Surveyor	3	27	9	36
5	Economist/Financial Expert	1	9	3	12
6	Gender Specialist	1	2	6	8
7	IoT Design Expert	1	3	3	6
8	Assistant Resident Engineers (Civil Engineer)	6	0	120	120
9	HSE Expert/Assistant Sanitation Expert	1	0	20	20
10	Material Engineer/Quality Control Engineer	3	0	60	60
11	Site Inspector	60	0	1200	1200
	Sub-Total Non-Key Experts		122	1448	1570
	Total (Key + Non-Key Experts)		285	1575	1860