

PC-I FORM
for
Laying of Tuff Pavers/ Tiles in Various Important Areas of Okara City.

Project Serial Number

Sector: Local Government and Community Development Department Punjab

Sub Sector: Social

1. Name of the project	Punjab Cities Program Laying of Tuff Pavers/ Tiles in Various Important Areas of Okara City.	
2.Location	Okara is the capital city of Okara District in the Punjab province of Pakistan. The city is located southwest of the city of Lahore at a distance of 128.6 km and Faisalabad is 100 km bypassing away Ravi River. The nearest major city to Okara is Sahiwal. The city coordinates are 30.81' North latitude, and 73.45' East longitude. Location map of the city is attached in Annexure-A	
3. Authorities responsible for		
i- Sponsoring	Government of the Punjab (through World Bank funding)	
ii- Execution	Municipal Committee Okara	
iii- Operation and Maintenance	Municipal Committee Okara	
iv- Concerned Provincial Department	Local Government and Community Development Department Punjab	
4a. Plan Provision		
i. If the project is included in medium term/five year plan, specify actual allocation	Punjab Cities Program (PCP) is a World Bank funded Program with a total cost of USD 236.00 million and comprises of below mentioned components.	
	Total loan from World Bank	USD 200.00 million
	Component-1 Infrastructure development (PforR)	USD 180.00 million
	Component-2 Technical Assistance	USD 20.00 million
	MCs share (20% of PforR component) equivalent to:	USD 36.00 million
	Total Program cost	USD 236.00 million

	<p>Component-2 i-e Technical Assistance component of Program costing USD 20.00 million is meant for management cost of the Program and capacity building of MCs & Government Departments and is included in the medium term/ five-year plan and has been funded now in ADP 2021-22 - under General Serial No-2521 with allocation of PKR 100.00million as foreign component.</p>
<p>ii- If not included in the current plan, what warrants its inclusion and how it is now proposed to be accommodated</p>	<p>Not applicable</p>
<p>iii If the project is proposed to be financed out of block provision indicate.</p>	<p>The Project is being financed by World Bank as Donor along with 20% co-financing from the Program Units and is not proposed to be financed out of block allocation.</p>
<p>4b- Provision in the current year PSDP/ADP</p>	<p>PKR.100.00 million under ADP 2021-22 General Serial No 2521 for Component-2 of the Program i-e Technical Assistance as described above.</p>
<p>5. Project objectives and its relationship with sector objectives</p>	<p><u>Sector Objectives</u> The sector objectives include:</p> <ol style="list-style-type: none"> 1. Provision of efficient and effective municipality services to the masses. 2. Community development through improving basic infrastructure. 3. Clean and green environment for better living standards. 4. Effective use of land through master planning of urban areas. 5. Social uplifting and cohesion through provision of public open spaces and play grounds. 6. Ease in mobility and communication. 7. Cost efficient Solid Waste Management through waste to energy initiatives. 8. Capacity building of Local Governments. 9. Efficient Road network to make areas easily accessible <p><u>Objectives of the Project</u> The Project aims at improvement of infrastructure of municipal services such as streets, roads, cross roads, street lights, parks and parking shed for SWM machinery for improved communication and recreational facilities.</p> <p>Scope of the work for this particular project includes installation / repair</p>

	<p>and fixing of tuff tiles on various important city areas of okara city.</p> <p>The Project has the following objectives;</p> <ol style="list-style-type: none"> 1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.
6. Description, justification, technical parameters and technology transfer aspects	
<p>i. Present Condition</p>	<p>As per PLGA-1 2013 Urban Local Governments (ULGs) are basically and wholly responsible for delivery of the municipal services with a service delivery level which should satisfy the consumers and citizen. Unfortunately, the prevalent conditions of the service delivery are not encouraging in the city.</p> <p>The major reason of unsatisfactory service delivery is the lack of proper maintenance of the municipal infrastructure in all sectors causing consumer dissatisfaction at one end and degradation of the infrastructure on the other end apart from very low revenue recovery as the consumers are reluctant to pay because of deteriorated service delivery.</p> <p>The roads infrastructure has been damaged and degraded because of lack of repairs and up gradation due to shortage of money and constrained municipal budgets. If these streets/ roads are not improved at this stage, then this infrastructure will be further damaged / degraded giving financial loss to the public as well as private sectors and the growth potential of the city will be adversely affected. Damaged streets / roads will increase the operational expenditure of the vehicles apart from wasting time and giving rise to public frustration and mental agony.</p> <p>The only way to keep the infrastructure in operational and functional condition for better travelling and recreational facilities to the inhabitants of the city and the surrounding areas is to improve the roads and important cross roads.</p>
<p>ii. Description of the subproject-</p>	<p>The project comprises of improvement of various streets/ roads in the city. Detail of these streets/ roads has been given in the table below.</p>

<p>iii. Detail of civil works, equipment & machinery and other physical facilities</p>	<p>The detail of streets / roads to be improved, rehabilitated or constructed in the city, is given below:</p> <table border="1" data-bbox="539 277 1498 943"> <thead> <tr> <th data-bbox="539 277 612 320">A</th> <th colspan="2"></th> </tr> <tr> <th data-bbox="539 320 612 405">S.N</th> <th data-bbox="612 320 1042 405">Name of roads/streets</th> <th data-bbox="1042 320 1498 405">Detail of works involved</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 405 612 483">1</td> <td data-bbox="612 405 1042 483">Sidra Ghfoor Town</td> <td data-bbox="1042 405 1498 483">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 483 612 562">2</td> <td data-bbox="612 483 1042 562">Sabri Colony</td> <td data-bbox="1042 483 1498 562">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 562 612 640">3</td> <td data-bbox="612 562 1042 640">Chak No. 1/4-L</td> <td data-bbox="1042 562 1498 640">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 640 612 719">4</td> <td data-bbox="612 640 1042 719">Chak No. 1/4-L 5 marla scheme</td> <td data-bbox="1042 640 1498 719">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 719 612 797">5</td> <td data-bbox="612 719 1042 797">Mehboob Town</td> <td data-bbox="1042 719 1498 797">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 797 612 875">6</td> <td data-bbox="612 797 1042 875">Aziz Housing Scheme</td> <td data-bbox="1042 797 1498 875">Laying of Tuff Pavers 60 mm Thick.</td> </tr> <tr> <td data-bbox="539 875 612 943">7</td> <td data-bbox="612 875 1042 943">Maryam Ghafoor Town</td> <td data-bbox="1042 875 1498 943">Laying of Tuff Pavers 60 mm Thick.</td> </tr> </tbody> </table>	A			S.N	Name of roads/streets	Detail of works involved	1	Sidra Ghfoor Town	Laying of Tuff Pavers 60 mm Thick.	2	Sabri Colony	Laying of Tuff Pavers 60 mm Thick.	3	Chak No. 1/4-L	Laying of Tuff Pavers 60 mm Thick.	4	Chak No. 1/4-L 5 marla scheme	Laying of Tuff Pavers 60 mm Thick.	5	Mehboob Town	Laying of Tuff Pavers 60 mm Thick.	6	Aziz Housing Scheme	Laying of Tuff Pavers 60 mm Thick.	7	Maryam Ghafoor Town	Laying of Tuff Pavers 60 mm Thick.
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<p>iv Indicate governess issues of the sector relevant to the project and strategy to resolve them</p>	<ul style="list-style-type: none"> • MC Okara is facing acute shortage of staff. The smooth sailing of the Punjab Cities Program can only be assured when the required staff is available with MC Okara. • The Repair and maintenance of the municipal services in not up to the mark in the MC. Trainings will be impacted by PMDFC to the officers as well as the field staff under the Program but practicing the interventions and method/procedures learnt in these trainings is the actual requirement in which MC's are lacking at present. Hence inculcating the mind set for good repair and maintenance is the major requirement for improving the service delivery level. 																											
<p>7- Capital Cost of Project</p>	<p>The summary of the works included in the project is given below;</p> <table border="1" data-bbox="539 1559 1469 1977"> <thead> <tr> <th data-bbox="539 1559 612 1644">S. #</th> <th data-bbox="612 1559 1236 1644">Items of Road</th> <th data-bbox="1236 1559 1469 1644">Total (PKR million)</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1644 612 1686">1</td> <td data-bbox="612 1644 1236 1686">Laying of Tuff Pavers/ Tiles 60 mm Thick.</td> <td data-bbox="1236 1644 1469 1686">155.180</td> </tr> <tr> <td colspan="2" data-bbox="539 1686 1236 1729">Sub Total</td> <td data-bbox="1236 1686 1469 1729">155.180</td> </tr> <tr> <td data-bbox="539 1729 612 1771">2</td> <td data-bbox="612 1729 1236 1771">Contigencies@ 2%</td> <td data-bbox="1236 1729 1469 1771">3.103</td> </tr> <tr> <td data-bbox="539 1771 612 1814">3</td> <td data-bbox="612 1771 1236 1814">PRA Charges@5%</td> <td data-bbox="1236 1771 1469 1814">7.759</td> </tr> <tr> <td data-bbox="539 1814 612 1856">4</td> <td data-bbox="612 1814 1236 1856">ESMP Implementation Cost</td> <td data-bbox="1236 1814 1469 1856">0.96</td> </tr> <tr> <td data-bbox="539 1856 612 1899">5</td> <td data-bbox="612 1856 1236 1899">Price Variation</td> <td data-bbox="1236 1856 1469 1899">7.759</td> </tr> <tr> <td colspan="2" data-bbox="539 1899 1236 1977">Total Project Cost</td> <td data-bbox="1236 1899 1469 1977">174.76</td> </tr> </tbody> </table>	S. #	Items of Road	Total (PKR million)	1	Laying of Tuff Pavers/ Tiles 60 mm Thick.	155.180	Sub Total		155.180	2	Contigencies@ 2%	3.103	3	PRA Charges@5%	7.759	4	ESMP Implementation Cost	0.96	5	Price Variation	7.759	Total Project Cost		174.76			
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<p>i- Indicate date of estimation of the</p>	<p>The project estimates have been framed during the month of April, 2023</p>																											

project cost																					
ii- Basis of determining the estimates be provided.	<p>The cost estimates have been framed on the basis of bill of quantities actually required at site and unit rates from the Market Rate System (MRS) issued by the Government of Punjab (District Okara 1st biannual of year 2023).</p> <p>For items not available in the MRS, the same have been analyzed as per prevailing market rates.</p>																				
iii- Provide year wise estimation of physical activities	<p>The physical and financial requirements, year wise are included in the following table:</p> <table border="1"> <thead> <tr> <th>S. #</th> <th>Name of road</th> <th>Year 2022-2023</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Laying of Tuff Pavers/ Tiles 60 mm Thick</td> <td>100%</td> </tr> </tbody> </table>	S. #	Name of road	Year 2022-2023	1	Laying of Tuff Pavers/ Tiles 60 mm Thick	100%														
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iv- Phasing of capital cost on the basis of each item of work.	<p>The phasing of capital cost of the project is included in the following table:</p> <p>(All figures are in million rupees)</p> <table border="1"> <thead> <tr> <th>S. #</th> <th>Items of Road</th> <th>Total (PKR million)</th> <th>Year 2022-2023 (100 %)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Laying of Tuff Pavers/ Tiles 60 mm Thick.</td> <td>155.180</td> <td>155.180</td> </tr> <tr> <td></td> <td>Total work outlay</td> <td>155.180</td> <td>155.180</td> </tr> <tr> <td>12</td> <td>PST, Contingencies & ESMP Implementation Cost.</td> <td>19.638</td> <td>19.638</td> </tr> <tr> <td></td> <td>Total project cost</td> <td>174.76</td> <td>174.76</td> </tr> </tbody> </table>	S. #	Items of Road	Total (PKR million)	Year 2022-2023 (100 %)	1	Laying of Tuff Pavers/ Tiles 60 mm Thick.	155.180	155.180		Total work outlay	155.180	155.180	12	PST, Contingencies & ESMP Implementation Cost.	19.638	19.638		Total project cost	174.76	174.76
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8- Annual recurrent cost after completion of the project and source of financing	<p>No additional cost will be required after completion of the improvement and up gradation of the streets / roads and rather the repairs cost will be reduced for the initial years. However, the efficiency of the infrastructure and service delivery level will be improved after completion of the project.</p>																				
9- Demand & Supply Analysis	<p>Existing supply level</p> <ul style="list-style-type: none"> Existing geometry of the streets / roads is not well enough to sustain the smooth traffic flow. Existing pavement structure of the streets / roads is deteriorated which needs the rehabilitation to bear the traffic loading and better riding quality. MC Okara is unable to render satisfactory service to the entire area of the city because of degraded infrastructure wherein some rehabilitation and improvement are direly needed but MC could not be able to accomplish them because of low revenue recovery and funding constraints. Very few areas are reasonably served but others are deprived of the required level of the service. This is resulting in 																				
i- Existing Capacity of services																					

	<p>low credibility of the municipal services and citizen dissatisfaction. Further the infrastructure has not been developed and extended keeping in pace with the growth of population mainly due to migration from rural areas to urban areas. The market prices of the materials and labor have also increased drastically during the last decade which increased the O&M cost of services. This has further degraded the situation and the service delivery level is further deteriorating.</p>
ii- Projected Demand for 10 years	<ul style="list-style-type: none"> • The municipal services require radical improvement to enhance the efficiency of the service to increase service delivery to a satisfactory level. For this purpose, the existing infrastructure will have to be improved.
iii- Capacity of other similar projects being implemented in public/private sector	<p>No other project of this nature is being implemented in public as well as private sector because of funding constrains in the MC Okara.</p>
iv- Supply and Demand gaps	<p>The nature of supply and demand gap has been explained in the preceding pages which concludes;</p> <ul style="list-style-type: none"> • Existing condition of the road network is not good enough to bear the traffic load. It's causing excessive delays, increasing travel time, occurring accidents at intersections and vehicles wear and tear due to the poor condition of pavement surface. Increasing traffic load requires the improvement of existing road network. • The existing infrastructure has poor efficiency resulting in unsatisfactory service delivery level. • The O&M cost of the infrastructure services is very high because of low efficiency and high market rates while there is a large gap between the O&M expenditure and the revenue recovery. • Large subsidies are being injected by MC to keep the services in operation • Numerous public complaints are the talk of the day. • Unsatisfactory municipal delivery is not encouraging the city to become engines of economic growth and hence the GDP of our city is much lower than the peers in the developing world. <p>Hence there is a large gap between the supply and demand which is to be bridged by improvement in the infrastructure and its management.</p>
v-Designed capacity and output of the project	<p>1. Table showing Name of streets/roads of Chak / Mohalla's , From and to reaches, length, ROW, paved width and type of pavement of each street/road is attached.</p>

<p>10. Financial Plan Sources of financing <u>Debt</u> a) Indicate the local and foreign debt Loan</p>	<p>Below given loan for the Punjab Cities Program has been funded by World Bank for 16 PCP cities in Punjab.</p> <table border="1" data-bbox="544 277 1489 667"> <tr> <td>Total loan to Government of Pakistan/Punjab</td> <td>USD 200 million</td> </tr> <tr> <td>Component-1 for Infrastructure Development</td> <td>USD 180 million</td> </tr> <tr> <td>Component-2 for Investment Project Financing For capacity building of MCs & three Govt. organization and program management.</td> <td>USD 20 million</td> </tr> <tr> <td>20% share of Municipalities is equivalent to</td> <td>USD 36 million</td> </tr> <tr> <td>Total funds available for Infrastructure Development</td> <td>USD 216 million</td> </tr> <tr> <td colspan="2">This project will be funded under this financing.</td> </tr> </table>	Total loan to Government of Pakistan/Punjab	USD 200 million	Component-1 for Infrastructure Development	USD 180 million	Component-2 for Investment Project Financing For capacity building of MCs & three Govt. organization and program management.	USD 20 million	20% share of Municipalities is equivalent to	USD 36 million	Total funds available for Infrastructure Development	USD 216 million	This project will be funded under this financing.	
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<p>b) Equity</p>	<p>A. Loan/grant to MC The amount of loan converted to grant to Okara MC will be PKR 139.808 million. The financing of the project will be as given below:</p> <table border="1" data-bbox="568 891 1474 1111"> <tr> <td>Grant to Unit for the year 2022-2023 (80% of cost of PC-I)</td> <td>PKR 139.808 million</td> </tr> <tr> <td>20% Co-finance by MC (20% of the cost of PC-I)</td> <td>PKR 34.952 million</td> </tr> <tr> <td>Total available funds</td> <td>PKR 174.76 million</td> </tr> </table> <p>B. Project Cost PKR 174.76 million</p> <p>*The loan is from World Bank to Government of Pakistan/Punjab which will trickle down to Okara MC as grant.</p>	Grant to Unit for the year 2022-2023 (80% of cost of PC-I)	PKR 139.808 million	20% Co-finance by MC (20% of the cost of PC-I)	PKR 34.952 million	Total available funds	PKR 174.76 million						
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<p>c) Grants</p>	<p>No grant is being given by Government of Punjab out of ADP funds. The World Bank loan to Government of Pakistan/Punjab will trickle down as grant to MC from Government of Punjab.</p>												
<p>d) Weighted cost of capital</p>	<p>Nil</p>												
<p>11-Project benefits and analysis</p>													
<p>i. Quantifiable project outputs</p>	<p>The quantifiable project outputs have been given above in Sr. No-9 (V). The social benefits to the citizen have been described at Sr. No-11(ii).</p>												

ii. Unit cost analysis	<p>The unit cost analysis is produced below;</p> <table border="1" data-bbox="552 237 1468 367"> <tr> <td>Project capital cost</td> <td>PKR 174.76 million</td> </tr> <tr> <td>Population of the city in year 2023</td> <td>425,593 persons</td> </tr> <tr> <td>Unit capital cost per capita</td> <td>PKR 410.62</td> </tr> </table> <ul style="list-style-type: none"> Unit R&M cost: – The Repair maintenance cost is already being borne by Okara MC and there will be no increase in this cost. Due to improvement of the infrastructure R&M cost will reduce for at least 5 years after completion of the project. 	Project capital cost	PKR 174.76 million	Population of the city in year 2023	425,593 persons	Unit capital cost per capita	PKR 410.62
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Unit capital cost per capita	PKR 410.62						
iii. Employment generation (direct and indirect)	<p><u>Employment Analysis</u></p> <p>Direct Employment</p> <p><i>a) Planning and Design of projects</i></p> <p>The planning and design of the project has been entrusted to local consultants who have appointed staff and experts in road and related disciplines along with their support staff. The consultants will also appoint their staff for resident supervision of the project to verify and certify the items of works to be executed under this PC-I.</p> <p>b) Execution of the Project</p> <p><i>a) PMDFC</i></p> <p>PMDFC has the project monitoring and supervisory role and the company has enough experts and staff to complete this assignment. PMDFC has already deployed under mentioned staff for these projects:</p> <ul style="list-style-type: none"> Civil Engineers Accounts, administration and audit personnel Urban planners GIS experts Support staff like computer operators, vehicle drivers, office boys and guards. Procurement experts Communication experts Environmental and social experts Contract management experts <p><i>b) Consultants</i></p> <p>PMDFC has employed consultants for detailed design and resident supervision of the projects who will deploy their staff for execution of the project.</p> <p><i>c) Municipality</i></p> <p>Okara MC has regular staff like engineers, sub engineers and other administrative & accounts keeping staff which will be</p>						

	<p>responsible for execution of the project and contract management. No additional staff will be needed for execution of this project</p> <p>d) Contractor The contractor responsible for execution of the sub project will employ skilled and un-skilled labor on this work.</p> <p>Indirect Employment Indirect employment for production of material such as cement, steel, stone metal, bitumen, bricks etc. will be generated.</p>
iv. Impacts of delays on project cost and viability	<p>The impact of delay in project implementation will;</p> <ul style="list-style-type: none"> • Result in increased project cost due to escalation in cost of material and labor. • Delay the benefits to the target group • Result in further deterioration of the infrastructure and the service delivery level.
12-Implementation Schedule	
a) Indicate starting and completion date of the project	The project is anticipated to commence by April 2023 and to be completed by June 2023 with project implementation period of 03 months.
b) Item wise/year wise schedule in line chart	The Gant chart has been attached at Annexure-D
13- Management Structure and manpower requirements	
i. Administrative arrangements for the implementation of the project	<p>ii. Planning & design of the project The project has been designed by the consultants employed by PMDFC and will also carry out the resident supervision of the project.</p> <p>iii. Preparation of cost estimation The cost estimates have been prepared by the design consultants by actual measurements and requirements at site. The execution of the items of works included in these estimates /PC-I will be certified by these consultants.</p> <p>iv. Execution of the project</p> <ul style="list-style-type: none"> • The project will be executed by MC Okara and supervised by the Consultants appointed by PMDFC in resident supervision mode. The technical staff & experts in PMDFC will oversee, co-ordinate and collaborate in the project planning, design and implementation through their experts in head office located in Lahore and regional offices. The reporting of progress to LG & CDD & World bank and troubleshooting will also be responsibility of PMDFC.

	<ul style="list-style-type: none"> • MO (I&S) of the MC Okara has been designated as Project Manager /Engineer in Charge of the project. The supervision of the works will also be carried out by these municipal officers along with their support engineering staff. All supervisory staff is available with MC. • The procurement of works and goods will be done by Procurement Committee of Municipal Committee, Okara as per PPRA Rules. <p>v. Verification of quantities included in PC-Is and Resident Supervision of the works by consultants</p> <p>The works will be supervised by Supervision Consultants in resident supervision mode by assuring the quantity and quality of works. The consultants will verify the items of work and their quantities contained in the PC-Is and cost estimates initially and then the quantities and quality of works included in the contractor claims at the stage of payments. Payments will be made by the MC Okara after these contractor claims have been entered in the measurement books by the Project Manager/Engineer in Charge and pre audited as per LG Works Rules.</p>
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<p>ii- The manpower requirements by skills during execution and operation of the project and; The job description, qualification, experience, age and salary of each post</p>	<p>a) PMDFC experts and staff For rendering assistance in implementation of infrastructure projects in 16 MCs, PMDFC has the experts and staff in the required fields. In order to facilitate the Program Units, three regional offices have been established by PMDFC at Gujranwala, Faisalabad and Multan/Khanewal.</p> <p>b) Resident Supervision Consultants The project will be supervised by consultants. The tentative staff to be employed /deployed by the consultants for the certification of quantities of works and resident supervision of the project is given below.</p> <table border="1" data-bbox="539 698 1481 1568"> <thead> <tr> <th>S #</th> <th>Personnel</th> <th>Nos</th> <th>Qualification</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Chief Resident Engineer/Team Leader</td> <td>01</td> <td>BSc;/BE in Civil engineering from HEC approved University with minimum 20 years' professional experience and 5 years' experience on similar assignment or MSC; Civil Engineering/Public Health Engineering/Environmental Engineering with Bachelor in Civil Engineering and minimum 15 years, experience, with 5 years on similar assignments on urban planning, designing and construction supervision assignment.</td> </tr> <tr> <td>2</td> <td>Assistant Resident Engineer</td> <td>01</td> <td>Bachelor Degree in Civil engineering with minimum 8 years' experience in site supervision and execution for projects of similar nature</td> </tr> <tr> <td>3</td> <td>Environmental Safeguards Specialist</td> <td>01</td> <td>M.Sc. in Environmental Sciences with minimum 8-10 years' experience in site supervision of site-specific mitigation and management plans related to Environmental and Social (E&S).</td> </tr> <tr> <td>4</td> <td>Social Safeguards/Resettlement Specialist</td> <td>01</td> <td>Masters in Sociology or Anthropology with minimum 8-10 years' experience in handling site specific social management and land acquisition and resettlement plan.</td> </tr> <tr> <td>5</td> <td>Site Inspectors</td> <td>01</td> <td>DAE in Civil with minimum 10 years' experience in site supervision for projects of similar nature</td> </tr> </tbody> </table> <p>c) Contractor's Technical staff, skilled & non skilled labor The contractors will employ the supervisory technical staff and skilled & non skilled labor for execution of works. The works will be supervised by experienced Engineers and sub engineers and the number of slots for engineers and skilled and non-skilled will depend upon the type and quantity of work and its period of completion.</p> <p>d) Repair & maintenance of the project MC has its own regular staff which has been deployed for repair and maintenance of the municipal services infrastructure. However, it has</p>	S #	Personnel	Nos	Qualification	1	Chief Resident Engineer/Team Leader	01	BSc;/BE in Civil engineering from HEC approved University with minimum 20 years' professional experience and 5 years' experience on similar assignment or MSC; Civil Engineering/Public Health Engineering/Environmental Engineering with Bachelor in Civil Engineering and minimum 15 years, experience, with 5 years on similar assignments on urban planning, designing and construction supervision assignment.	2	Assistant Resident Engineer	01	Bachelor Degree in Civil engineering with minimum 8 years' experience in site supervision and execution for projects of similar nature	3	Environmental Safeguards Specialist	01	M.Sc. in Environmental Sciences with minimum 8-10 years' experience in site supervision of site-specific mitigation and management plans related to Environmental and Social (E&S).	4	Social Safeguards/Resettlement Specialist	01	Masters in Sociology or Anthropology with minimum 8-10 years' experience in handling site specific social management and land acquisition and resettlement plan.	5	Site Inspectors	01	DAE in Civil with minimum 10 years' experience in site supervision for projects of similar nature
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	<p>been observed that the existing staff is not adequate to repair and maintain the services in a manner which can give good service delivery. Hence it is proposed to;</p> <ul style="list-style-type: none"> • Fill up the presently vacant slots • Recruit additional staff as per need of the infrastructure after obtaining the sanctions from the competent authorities.
<p>14-Additional projects /decisions required to optimize the investment being undertaken</p>	<p>1) Shortage & frequent transfers of Provincially appointed staff MC is facing shortage in provincially appointed and locally appointed cadres. This will seriously affect the pace of progress of the program and the implementation of the infrastructure projects may be delayed. Provincial Government should fill up the vacant staff immediately for optimizing the investments in MC.</p> <p>2) Repair & Maintenance (R&M) staff The R&M staff is also deficient and this is adversely affecting the service delivery level. Numbers of slots are vacant but MC is not allowed to recruit the persons to fill these slots due to ban on recruitments. Further the sanctioned strength of the field staff is much lesser than the actual requirement because with the increase in population and extension of services, additionally required staff has not been sanctioned by the competent authorities. Both of the above issues need to be addressed for optimal utilization of the investments and giving targeted benefits to the resident population of these cities.</p>

15-Certificate	Certified that the project proposal has been prepared on the basis of guidelines provided by the Planning Commission for the preparation of PC-I for social sectors projects.		
Prepared by	Sub Engineer Municipal Committee Okara	Signatures	
Checked by	Municipal Officer (Infrastructure) Municipal Committee, Okara	Signatures	
	Chief Officer Municipal Committee, Okara	Signatures	
	Administrator Municipal Committee Okara	Signatures	
Vetted by	Senior Program Officer PMDFC	Signatures	