Section 6 – Employer's Requirements

This Section contains the Specifications, Drawings, Supplementary Information that describe the Works to be procured, Personnel Requirements, and Equipment Requirements.

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Specifications
Attached as Annexure-A

NOTE: The Contractor shall submit a Site-Specific Environmental Management Plan (SSEMP) and Site-Specific Health and Safety Management Plan (SSHSMP) in compliance with PCC 81 and GCC 24.2 respectively in Section-8.

Drawings
Attached as Annexure-B

Supplementary Information
Regarding Works to Be Procured

The bidder shall be required to comply with relevant government regulations and guidelines on COVID-19 prevention and control issued by the Government of Pakistan (http://covid.gov.pk/guideline), or in the absence thereof, to international good practice guidelines, such as World Health Organization 2020, Considerations for public health and social measures in the workplace in the context of COVID-19, Geneva available here: https://www.who.int/publications-detail/considerations-for-public-health-andsocial-measures-in-the-workplace-in-the-context-of-covid-19.

The EMP / IEE for the project is attached.

Initial Environmental Examination (IEE) / Environmental Management Plan (EMP)

Attached as Annexure-C

Personnel Requirements (Lot-3)

S/No	Position	Minimum Qualification	No of Position	Total Work Experience [years]	Experience In Similar Work [years]
1	Project Manager	BE (Civil Engineering) or equivalent Professional qualification.	01	15	10
2	Deputy Project Engineer/Planning Engineer	BE (Civil Engineering) or equivalent Professional qualification	01	10	05
3	Landscape Architect	BE (Architecture) or equivalent Professional qualification	00	10	05
4	Structure Engineer	BE (Civil Engineering) or equivalent Professional qualification	02	10	05
5	Highway Engineer	BE (Civil Engineering) or equivalent Professional qualification	02	10	05
6	Site Engineer	BE (Civil Engineering) or equivalent Professional qualification	03	07	05
7	Construction Supervisor	Diploma with surveying qualification or equivalent Professional qualification	03	07	05
8	Material Engineer	M.Sc. (Geology) / BE (Civil Engineering) or equivalent Professional qualification	02	07	05
9	Qualified / Experienced Surveyor	Diploma with surveying qualification or equivalent Professional qualification	02	07	05
10	Qualified Environmentalist	M.Sc. (Environment.) or equivalent Professional qualification	01	07	05
11	Qualified Health and Safety Expert	M.Sc. (Public Health Engineering) or equivalent Professional qualification	01	07	05
12	Senior Laboratory Technician	Diploma with material testing qualification or equivalent Professional qualification	02	05	03
13	Quantity Surveyor	BE (Civil Engineering) or Diploma of Associate Engineering or equivalent Professional qualification	01	10	07
14	Community Liaison Officer	Master's degree in relevant field	01	07	05
15	Gender Specialist	Master's degree in relevant field	01	07	05

Equipment Requirements
(Lot-3)

No.	Equipment Type and Characteristics	Minimum Number Required
1	Concrete Batching Plant (35 Cu.m/hr minimum)	2
2	Crane 20 ton	2
3	Concrete Pump	2
4	Concrete Transit Mixer (6 Cu.m Minimum)	20
5	Complete Set of Shuttering & scaffolding (Steel) 200 Sq.m	2
6	Concrete paver	2
7	Rollers (Asphalt and Earthwork)	6
8	Graders	4
9	Dump Trucks	20
10	Wheel Loaders	5
11	Excavators	4
12	Bull Dozers	1
13	Lane Marking Machines	1

Note: ***1. Equipment to be acquired on Lease by the bidder shall carry half of the allocated points to that specific Equipment.***
2. The bidder shall furnish on judicial stamp paper an undertaking after the signing of the contract stating that it shall bring the equipment mentioned here-in-above or more to successfully execute and complete the project within the completion period.