DETAILED EVALUATION CRITERIA FOR SHORTLISTING

No.	Documents to be Submitted	Document/s Required	Bidder's Qualification/Basis for Scoring	Maximum points
Α.	Applicable Experience of the Co			
1.	 Qualifying Projects Completed Copies of all similar completed contracts for the last 10 years to present 	Statement of Completed Projects	(Total number of contracts which fulfill each of the following three sets of conditions, maximum of 20 contracts) / 20	10
	containing the following details: a. Name of client b. Contract amount and		 The IC shall have undertaken at least three similar contracts in at least two countries wherein: a. The IC's role was one of the 	
	 duration c. Scope of service provided by the bidder d. Customer's contact name, address, phone number/email address 		 (i) Detailed design and engineering consultancy (ii) Project management and assignments including monitoring, supervision, and 	
	NOTE: "Similar completed contract" is defined under Eligibility Data sheet Clause 9.1		certification of works (iii) Experience of being an Independent Consultant / engineer either for Lenders or a Government Authority	
	2. Proof of satisfactory completion signed by the bidder's clients for the similar completed contracts		 b. The assignment was undertaken for one of the following: (i) Greenfield international airport or international airport expansion project having a minimum estimated project capital cost at current prices (excluding land) of PhP 10 billion or US\$ 200 million, whichever is higher; or 	
			(ii) Terminal (or Terminals) and associated apron (or aprons) with a design processing capacity of handling at least 10 million passengers per year; or (iii) Terminal area of at least 50,000sqm including	

provision for the processing of international passengers.
2. The IC shall have undertaken at least five similar contracts in at least four countries wherein:
 a. The IC's role was Airport Planning and Development; and b. The assignment was undertaken for one of the following: (i) Greenfield international airport or international airport expansion project having a minimum estimated project capital cost at current prices (excluding land) of PhP 10 billion or US\$ 200 million, whichever is higher; or (ii) Terminal (or Terminals) and associated apron (or aprons) with a design processing capacity of handling at least 10 million passengers per year; or (iii) Terminal area of at least 50,000sqm including provision for the
processing of international passengers.
 The IC shall have undertaken at least two similar contracts in at least two countries wherein:
 a. The IC's role was CNS/ATM system planning and implementation; and b. The assignment was undertaken for one of the following: (i) Greenfield international airport or international airport expansion project having a minimum estimated

			project capital cost at current prices (excluding land) of PhP 10 billion or US\$ 200 million, whichever is
			higher; or (ii) Terminal (or Terminals) and associated apron (or aprons) with a design processing capacity of handling at least 10 million
			passengers per year; or (iii) Terminal area of at least 50,000sqm including provision for the processing of international
2	Qualifying Projects Completed	Statement of	passengers.
2	Qualifying Projects Completed by Value	Statement of Completed Projects	1. Value of contracts (up to a 6 maximum of USD 50 million or equivalent) / USD 50 million
	 Copies of all similar completed contracts for the last 5 years to present containing the following details: Name of client Contract amount and duration Scope of service provided by the bidder Customer's contact name, address, phone number/email address 		 2. Output was of the four below: a. Greenfield international airport having a minimum estimated project capital cost at current prices (excluding land) of US\$ 200 million b. International airport expansion project having a minimum estimated project capital cost at current prices (excluding land) of US\$ 200 million c. Terminal (or Terminals) and associated apron (or aprons) with a design processing capacity of handling at least 10 million passengers per year
	contract" is defined under Eligibility Data sheet Clause 9.1		 d. Terminal area of at least 50,000sqm including provision for the processing of international passengers 3. Bidder's role was of the five below:
	2. Proof of satisfactory completion signed by the bidder's clients for the similar completed contracts		 a. Detailed design and engineering consultancy b. Project management assignments including monitoring, supervision and certification of works
			 c. Airport planning and development d. Experience of being an Independent Consultant / engineer either for Lenders or a Government Authority

			o CNS/ATM eveter plenning	
			e. CNS/ATM system planning and implementation	
В.	Qualification of Personnel who	shall be Assigned to W	ork in the Project	
<u>В.</u> 1.	Qualification of Personnel who IC Leader (International/ Foreign)		Average in the project Must fulfill all of the following. 1. General Qualifications a. Must have bachelor's degree b. Must have degree- whether bachelor's, master's, or doctorate, in either: (i) Any engineering field (ii) Architecture c. Must have either: (i) Philippine Professional Regulatory Commission license to practice as an engineer or architect, valid as of date of submission of Qualification Documents (ii) Equivalent credential in the country where the proposed person practices, valid as of date of submission of Qualification Documents. d. Must have at least 15 years work experience 2. Similar / Related Project Experience: Number of projects which: (i) Involved one of the following for an infrastructure project with a value of at least US\$ 36,000,000 or its equivalent: (i) Leading a project team responsible for desi	5
2.	Leader, MIOW Duties	Duly accomplished	1. General Qualifications	5
	(International/ Foreign)	and signed CV using PPP Center's	Must fulfill ALL of the following. a. Must have bachelor's degree	

		prescribed CV/	h Must have degree whether	
		prescribed CV template	 b. Must have degree- whether bachelor's, master's, or doctorate, in either: (i) Any engineering field (ii) Architecture c. Must have either: (i) Philippine Professional Regulatory Commission license to practice as an engineer or architect, valid as of date of submission of Qualification Documents (ii) Equivalent credential in the country where the proposed person practices, valid as of date of submission of Qualification Documents. d. Must have at least 15 years work experience 2. Similar / Related Project Experience: (The number of countries + the number of projects, up to a maximum of 10, in which the Leader, MIOW Duties, has completed projects which fulfill the following requirements:) / 10 a. The airport project was completed in the ten year period before the date of submission of eligibility documents. b. The proposed person had one of the following roles: (i) Design (ii) Design Management (iii) Design Review (iv) Project Supervision c. The proposed person's role had a duration of at least six months. 	
			The proposed expert must have completed such projects for at least five airports in at least three countries.	
3.	Leader, CW Duties (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the requirements of either a or b below. a. All of the following: (i) Bachelor's degree in one of the following: 1) Information technology 2) Electronic Systems	5

3) A related engineering
field
(ii) At least fifteen years
experience in managing or
delivering complex CNS/ATM
engineering implementation
(iii) As part of the fifteen years
experience: five years at a
supervisory or managerial
position, full time, with at least
one of the following: 1) A Civilian Air Navigation
Service Provider for a
country with annual traffic
of at least one million
flights;
2) A Civilian Air Navigation
Service Provider
providing a service for at
least five airports with at
least 200,000 flights per
year for each airport.
3) An international
CNS/ATM consultancy
company with five or
more contracts in the past
ten years involving the
specification,
procurement, integration,
testing and
commissioning and/or
certification of any of the
following list of systems:
(a) Control Tower
Systems
(b) Digital Remote Towers
(c) EFSS
(d) AMAN
(e) A-SMGCS
(Multilateration
system)
(f) A-SMGCS (SMR)
(g) VCSS
4) A CNS/ATM system
manufacturer who has
supplied to either of:
(a) A Civilian Air
Navigation Service
Provider for a country
with annual traffic of
at least one million
flights; or
(b) A Civilian Air
Navigation Service
Provider providing a

service for at least
five airports with at
least 200,000 flights
per year for each
airport.
OR
b. All of the following:
(i) One of the following:
1) Has a valid Air Traffic
Control License issued by
an ICAO member state
2) Had an Air Traffic Control
License issued by an
ICAO member state for a
period of two years in the
last five years, both
before the date of
submission of
Qualification Documents.
(ii) At least fifteen years'
experience in
managing/delivering complex
ATM-related projects aimed at
delivering changes to ATC
procedures for ATC tower operations and/or
operations and/or approach/terminal airspace
(iii) As part of the fifteen years'
experience: five years in a
supervisory or managerial
position, full time, with at least
one of the following:
1) A Civilian Air Navigation
Service Provider for a
country with annual traffic
of at least one million
flights
2) A Civilian Air Navigation
Service Provider providing a service for at
least five airports with at
least 200,000 flights per
year for each airport.
3) an international
CNS/ATM consultant that
has conducted air traffic
management related
studies in support of
either:
(a) A Civilian Air
Navigation Service
Provider for a country
with annual traffic of
at least one million
flights

(b) A Civilian Air
Navigation Service
Provider providing a
service for at least
five airports with at
least 200,000 flights
per year for each
airport.
2. Similar / Related Project
Experience:
1. (Number of years in a supervisory or
managerial position, full time, with
any of the following (up to a
maximum of 10)) / 10:
a. A Civilian Air Navigation Service
Provider for a country with
annual traffic of at least one
million flights;
b. A Civilian Air Navigation Service
Provider providing a service for
at least five airports with at least
200,000 flights per year for each
airport.
c. An international CNS/ATM
consultancy company with five
or more contracts in the past ten
years involving the specification,
procurement, integration, testing
and commissioning and/or
certification of any of the
following list of systems:
(i) Control Tower Systems
(ii) Digital Remote Towers
(iv) AMAN
(v) A-SMGCS (Multilateration
(vi) A-SMGCS (SMR) (vii) VCSS
d. A CNS/ATM system
manufacturer who has supplied to
either of:
(i) A Civilian Air Navigation
Service Provider for a
country with annual traffic
of at least one million
flights; or
(ii) A Civilian Air Navigation
Service Provider
providing a service for at
least five airports with at
least 200,000 flights per
year for each airport.
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4.	Leader, O&M Duties	Duly accomplished	1. General Qualifications	5
	(International/ Foreign)	and signed CV using PPP Center's prescribed CV template	 Must fulfill all of the following: Bachelor's Degree in any field Fifteen years experience in monitoring, planning, or reviewing the operational performance of airports covering landside, terminal and airside operations. 	
			2. Similar / Related Project Experience:	
			 Either of the following: a. (The number of countries + the number of airports in which the proposed person has completed projects which fulfil the following requirements (up to a maximum of 10))/10: The airport project was completed in the ten year period before the date of submission of Qualification Documents. The proposed person had one of the following roles on the airport project: Airport planning Operational Readiness Operations Reviews The Leader, O&M duties role had a duration of at least six months. 	
			 b. (The number of years during which the proposed person worked in a senior leadership 	
			position in airport operations	
5.	Multi-Disciplinary Engineering	Duly accomplished	(up to a maximum of 10))/10. 1. General Qualifications	3.5
	Peer Reviewer (International/ Foreign)	and signed CV using PPP Center's prescribed CV template	 Must fulfill all of the following: Must have a university degree in architecture or engineering field, Must be a licensed or chartered engineer or architect Must have at least 15 years' experience Similar / Related Project Experience: 	
			1. Either of the following:	

			 a. (Number of airports + number of countries in which the person undertook airport engineering design in the 10 years before Eligibility Documents Submission Date (up to a maximum of 10))/10 b. (Number of years in a leadership position in airport engineering or design of airport assets (up to a 	
6.	Baggage Engineering Peer Reviewer (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 maximum of 10))/10 1. General Qualifications Must fulfill all of the following: 1. Must have a university degree in architecture or engineering field, 2. Must be a licensed or chartered engineer or architect 3. Must have at least 15 years' experience 2. Similar / Related Project Experience: 1. (Number of airport baggage system refurbishment or upgrade projects completed in the ten years before Eligibility Documents Submission Date where the person worked in as engineer or baggage system specialist + Number of countries where the person worked in such projects (up to a maximum of 10))/10 	3.5
7.	IT/Systems Engineering Peer Reviewer (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the following: Must fulfill all of the following: Must have a university degree in architecture or engineering field, Must be a licensed or chartered engineer or architect Must have at least 15 years' experience Similar / Related Project Experience: Experience: Either of the following: a. (Number of airports for which the person undertook IT or systems design projects completed in the ten years 	3.5

10.	CNS/ATM System Specialist (International/ Foreign)	Duly accomplished and signed CV using PPP Center's	1. General Qualifications Must fulfill all of the following:	3.5
-10		Duby	engineering, mathematics, finance, accounting 2. Similar / Related Project Experience: (Number of countries in which the person forecast aviation traffic for airports in the ten years prior to Bid Submission Date + Number of years of experience in development of aviation traffic forecasts for airports (up to a maximum of 10))/10	0.5
9.	Traffic Forecasting Specialist (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the following: Must have a bachelor's degree in a numerate subject such as 	3.5
8.	Airport Planning Specialist (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	or IT systems (up to a maximum of 10))/10 1. General Qualifications Must fulfill all of the following: 1. Must have a bachelor's degree in relevant discipline, 2. Must have at least 10 years experience in total. 2. Similar / Related Project Experience: 3. (Number of airports for which the person has demonstrated experience in planning or operational specification of airport facilities or the development of airport masterplans in the ten years before Eligibility Documents Submission Date + number of countries in which those airports were located (up to a maximum of 10))/10	3.5
			before Eligibility Documents Submission Date + number of countries in which such projects were undertaken (up to a maximum of 10))/10 b. (Number of years in a leadership position in airport or IT systems or design of airport or IT systems (up to a	

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prescribed CV template	 Must have a bachelor's degree in one of the following: information technology, electronic systems or related engineering field. Must have at least 15 years experience in managing/delivering complex CNS/ATM engineering implementations Similar / Related Project Experience:
	 Experience: 1. (Number of years in a supervisory or managerial position, full time, with any of the following: (up to a maximum of 10))/10 a. A Civilian Air Navigation Service Provider for a country with annual traffic of at least one million flights; b. A Civilian Air Navigation Service Provider providing a service for at least five airports with at least 200,000 flights per year for each airport. c. An international CNS/ATM consultancy company with five or more contracts in the past ten years involving the specification, procurement, integration, testing and commissioning and/or certification of any of the following list of systems: (i) Control Tower Systems (ii) Digital Remote Towers (iii) EFSS (iv) AMAN (v) A-SMGCS (SMR) (vii) VCSS d. A CNS/ATM system manufacturer who has
	 manufacturer who has supplied to either of: (i) A Civilian Air Navigation Service Provider for a country with annual traffic of at least one million flights; or (ii) A Civilian Air Navigation Service Provider providing a service for at least five airports with at least

		200,000 flights per year for	
Air Traffic Management Specialist (International/ Foreign)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 200,000 flights per year for each airport. 1. General Qualifications Must fulfill all of the following: Have a bachelor's degree in information technology, electronic systems, or related engineering field Have a valid Air Traffic Control License issued by an ICAO member state as of the Eligibility Documents Submission Date Have had an Air Traffic Control License issued by an ICAO member state for a period of two years in the last five years before the Eligibility Documents Submission Date Must have at least 15 years experience in managing/ delivering complex CNS/ATM engineering implementations Similar / Related Project Experience: (Number of years in a supervisory or managerial position, full time, with any of the following (up to a maximum of 10))/10: A Civilian Air Navigation Service Provider for a country with annual traffic of at least one million flights; A Civilian Air Navigation Service Provider for a country with annual traffic of at least one million flights; A Civilian Air Navigation Service Provider for a country with annual traffic of at least one million flights; A Civilian Air Navigation Service for at least five airports with at least 200,000 flights per year for each airport. 	3.5

			(iii) EFSS]
			(iv) AMAN	
			(v) A-SMGCS	
			(Multilateration system)	
			(vi) A-SMGCS (SMR)	
			(vii) VCSS	
			d. A CNS/ATM system manufacturer who has	
			supplied to either of:	
			(i) A Civilian Air Navigation	
			Service Provider for a	
			country with annual traffic	
			of at least one million	
			flights; or	
			(ii) A Civilian Air Navigation	
			Service Provider providing	
			a service for at least five airports with at least	
			200,000 flights per year for	
			each airport.	
12.	Airport Security Specialist	Duly accomplished	1. General Qualifications	3.5
	(International/ Foreign)	and signed CV using		
		PPP Center's	Must fulfill all of the following:	
		prescribed CV	4 Mustheve checkeler's degree in	
		template	 Must have a bachelor's degree in relevant discipline 	
			2. Similar / Related Project	
			Experience:	
			1. (Number of years during which the person has undertaken	
			management of the security	
			compliance function at an airport	
			handling international and	
			domestic traffic, and / or acted as	
			an advisor to airports,	
			governments and regulators on	
			aviation security matters (up to a	
13.	CAPEX Specialist aka	Duly accomplished	maximum of 10)/10 1. General Qualifications	3.5
13.	Quantity Surveyor / Cost	and signed CV using		3.0
	Engineer (International/	PPP Center's	Must fulfill all of the following:	
	Foreign)	prescribed CV		
		template	1. Must have a bachelor's degree in	
			quantity surveying, engineering,	
			accounting, or construction	
			management.	
			 Must have at least 15 years' experience 	
			одрененее	
			2. Similar / Related Project	
			Experience:	
			1. (Number of assignments for which	
			the proposed person worked as a	

14.	Airport Operations Specialist (International)	Duly accomplished and signed CV using PPP Center's prescribed CV template	Quantity Surveyor or Cost Engineer for an infrastructure project with a value of at least at least USD 36 million. (up to a maximum of 10))/10 1. General Qualifications Must fulfill all of the following: 1. Must have a bachelor's degree. 2. Must have at least 10 years experience in total.	
			 2. Similar / Related Project Experience: 1. Must have at least five years experience in airport operations. 	
15.	Opex and Revenue Specialist (International)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications General Qualifications Must fulfill all of the following: Must have a bachelor's degree in accounting, business, commerce, or a related field. Must have at least 15 years experience in total. Similar / Related Project Experience: (Number of airports which fulfill the requirements below for which the proposed person worked (up to a maximum of 10))/10 Estimated capital cost of at least US\$ 200 million Estimated expansion cost of at least 10 million passengers per year Terminal area of at least 50,000 sqm 	3.5
16.	Civil Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the following: Must have a bachelor's degree in civil or structural engineering Must have a valid PRC license in civil or structural engineering Must have at least 15 years' experience in total 	3.5

			 2. Similar / Related Project Experience: 1. (Number of assignments which fulfill all of the following criteria (up to a maximum of 10))/10 a. Assignment lasted at least one year b. The person worked as a civil or structural engineer c. The person was responsible for one of the following: (i) Design Management (ii) Design Review (iii) Project Management (iv) Project Supervision d. The assignment was for an infrastructure project with a value of at least US\$ 15 million 	
17.	Electrical Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the following: Must have a bachelor's degree in electrical engineering Must have a valid PRC license in electrical engineering Must have at least 10 years' experience working as Electrical Engineer Similar / Related Project Experience: (Number of assignments which fulfill all of the following criteria (up to a maximum of 10))/10 a. Assignment lasted at least one year b. The person worked as an electrical engineer c. The person was responsible for one of the following: (i) Design Management (ii) Design Review (iii) Project Supervision d. The assignment was for an infrastructure project with a value of at least US\$ 15 million	3.5
18.	Mechanical Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's	1. General Qualifications Must fulfill all of the following:	3.5

		prescribed CV template	 Must have a bachelor's degree in mechanical engineering Must have a valid PRC license in mechanical engineering Must have at least 10 years' 	
			experience working as Mechanical Engineer 2. Similar / Related Project Experience: 1. (Number of assignments which	
			 fulfill all of the following criteria (up to a maximum of 10))/10 a. Assignment lasted at least one year b. The person worked as a mechanical engineer c. The person was responsible for one of the following: (i) Design Management (ii) Design Review (iii) Project Management (iv) Project Supervision 	
			d. The assignment was for an infrastructure project with a value of at least US\$ 15 million	
19.	System Engineer for IT and Communications Network (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 General Qualifications Must fulfill all of the following: Must fulfill all of the following: Must have a bachelor's degree in engineering Must have a valid PRC license in engineering Must have at least 10 years' experience working as Systems Engineer for IT and/or Communications Network Similar / Related Project Experience: 	3.5
			 (Number of assignments which fulfill all of the following criteria (up to maximum of 10) / 10) Assignment lasted at least one year The person worked as a Systems Engineer for IT and/or Communications Network The person was responsible for one of the following: 	

20.	Quality Assurance/Quality Control Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 (i) Design Management (ii) Design Review (iii) Project Management (iv) Project Supervision d. The assignment was for an infrastructure project with a value of at least US\$ 15 million 1. General Qualifications Must fulfill all of the following: 1. Must have a bachelor's degree in engineering 2. Must have a valid PRC license in engineering 3. Must have at least 10 years' experience in total 2. Similar / Related Project Experience: 1. (Number of assignments involving either: (up to a maximum of 10))/10 a. Reviewing QA/QC processes and procedures on an infrastructure project with a value of at least US\$ 15 million b. Reviewing on site implementation of QA/QC on an infrastructure project with a value of at least US\$ 15 	3.5
21.	Health & Safety Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 million 1. General Qualifications Must fulfill all of the following: 1. Must have a bachelor's degree in engineering 2. Must have a valid PRC license in engineering 3. Must have at least 10 years' experience in total 2. Similar / Related Project Experience: 1. (Number of assignments involving either: (up to a maximum of 10))/10 a. reviewing Health and Safety processes and procedures for an infrastructure project with a 	3.5

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22.		Duly accomplished	 value of at least US\$ 15 million b. reviewing on site implementation of Health and Safety processes for an infrastructure project with a value of at least US\$ 15 million 1. General Qualifications 	25
	Environmental Compliance Engineer (National/ Local)	Duly accomplished and signed CV using PPP Center's prescribed CV template	 Must fulfill all of the following: Must have a bachelor's degree in engineering Must have a valid PRC license in engineering Must have at least 10 years' experience in total Similar / Related Project Experience: (Number of assignments involving either: (up to a maximum of 10))/10 Reviewing environmental processes and procedures on an infrastructure project with a value of at least US\$ 15 million Reviewing on site implementation of environmental processes and procedures on an infrastructure project with a value of at least US\$ 15 million 	3.5
C.	 Current Workload of the Consultant Relative to Capacity 1. Audited Financial Statements for the last 2 years preceding the date of submission of eligibility documents 2. Value of outstanding ongoing contracts 	Statement of Ongoing Projects Audited Financial Statements	Whether net worth is greater than the value of outstanding ongoing contracts or not.	1