

SUPPLEMENTAL/BID BULLETIN NO. 2

This Supplemental/Bid Bulletin is issued to modify, amend or clarify items in the Bidding Documents for the project: Supply, Installation, Testing and Commissioning of Primary Surveillance Radar and Monopulse Secondary Surveillance Radar for Clark International Airport. This shall form an integral part of the bidding documents issued for the above-mentioned project.

- I. Below are the requests for clarification/reconsideration sent by MSV Construction & Supplies thru electronic mail on 30 March 2021 and 3 April 2021, as well as the corresponding remarks or instructions made by the SBAC members and Office of Prime Responsibility (OPR):

No.	Queries and Clarifications	Remarks/Instructions
1.	<p>Single Largest Completed Contract (SLCC) Aggregation</p> <p>Request to consider allowing the submission of an aggregation of a maximum of two similar contract to which should be equivalent to 50 % of the ABC as required. No local contract/bidder had completed a combined PSR and MSSR contract that will be eligible for 50% of the ABC as called for the bid, which will result to failure of bidding.</p>	<p>Please be advised that the requirement for the SLCC that is similar to the said project, equivalent to at least fifty percent (50%) of the ABC, shall be retained.</p>
2.	<p>Integration</p> <p>If the integration will remain, will the Hon. SBAC consider adding the following provision with respect to the integration scope:</p> <ul style="list-style-type: none"> Clark International Airport Corporation (CIAC) and Civil Aviation Authority of the Philippines (CAAP) shall ensure the seamless integration between the PSR and MSSR to be installed and the existing system in CAAP. Any inter-government agency matters regarding the integration shall be accommodated and facilitated by CIAC. 	<p>The integration shall remain.</p> <p>The CIAC-Project Management Office (PMO) will be supervising the whole project; rest assured that assistance will be given to the winning bidder to facilitate the integration for the said project.</p> <p>The CIAC-PMO will endorse and authorize the winning bidder to coordinate with CAAP and Thales for the integration activities.</p>



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3.	<p>Will the Hon. SBAC confirm if we will be allowed to supply and install PSR and MSSR that is ICAO Annex 10-14 Compliant?</p> <p>To reiterate that, each OEM Radar has different characteristics and technical advantages over other OEMs and ICAO, being the international body regulates and approves each OEM design.</p>	<p>Yes, supply and installation of radar compliant to ICAO Annex 10 – 14 shall be allowed. As stated in Item No.7 page 6 of the Supplement/Bid Bulletin No.1, the TOR is based on ICAO Annex 10.</p>
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II. Below are the queries and requests for clarification sent by Evercon Builders and Equipment Corporation thru electronic mail on 31 March 2021, as well as the corresponding remarks or instructions made by the SBAC members and Office of Prime Responsibility (OPR):

No.	Queries and Clarifications	Remarks/Instructions
1.	Please confirm if we need to construct a separate Power House for the two (2) Generator Sets, because in building layout page 100, it shows that the building has layout for generator sets.	No, the Power House for the 2 Generator Sets is located inside the equipment building. Please refer to Figure 5 under Section VII of Drawings.
2.	What is the number of years of Defects Liability Period (DLP)? Bill of Quantities (BOQ) stated two (2) years while page 61, Item 18.6 stated twelve (12) months.	<p>All hardware and software components to be delivered shall have a Defects Liability Period (DLP) of 12 months and Warranty Period for 2 years. Please see amendments in the Bill of Quantities.</p> <p>The BOQ Form shall be amended accordingly, herein attached as Annex-A.</p>
3.	Warranty is for two (2) years from project completion?	<p>May we note that, as specified in Item 7.2 of the Specific Conditions of Contract, "The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity shall be fifteen (15) years".</p> <p>In addition to the DLP, a warranty period of two (2) years for the hardware/software components shall be provided, which shall commence from the date of issuance of the Certificate of Final Acceptance.</p>



4.	<p>Page 31-1.1.9: Industrial Capacity</p> <p>b) The Contractor shall be the designer and manufacturer of the proposed radar solutions. This should be the Manufacturer of Radar instead of Contractor.</p>	<p>Item (b) shall be amended and read as "The Original Equipment Manufacturer (OEM) shall be the designer and manufacturer of proposed radar solutions."</p>
5.	<p>Page 32-1.1.10 – Experiences</p> <p>a) The Contractor shall have installed and commissioned identical radar configurations as per description in the tender documents. Newer version of radar, which is better in respect of operating parameters, system configuration or functionalities, shall be accepted.</p> <p>b) The contractor shall provide an exhaustive list of existing projects worldwide for the last 10 years. This should be the Manufacturer not the contractor?</p>	<p>Item (a) shall be amended and read as "The OEM shall have installed and commissioned identical radar configurations as per description in the tender documents. Newer version of radars, which is better in respect of operating parameters, system configuration or functionalities, shall be accepted."</p> <p>Item (b) shall be amended and read as "The OEM shall provide an exhaustive list of existing projects worldwide for the last 10 years."</p>
6.	<p>Page 49. Number of Factory Training Participants</p> <ul style="list-style-type: none"> - The Participants for PSR/SSR Radar shall be for 10 persons, - RDP and Display System/Data System for 10m persons and - ATC Work Station for 4 persons, <p>Are they all not the same persons? Total Trainees will be 24 persons in all? Please confirm.</p>	<p>Yes, the total number of trainees shall be 24.</p> <p>As specified in Page 45 of the bidding documents, tabulated as follows:</p> <ul style="list-style-type: none"> • PSR/SSR Radar Head – 10 officers; • RDP and Display System and Data Systems Specialization – 10 officers; and • ATC Work Stations – 4 officers
7.	<p>Page 45. For FAT Test Witness. There will be a total of 16 different persons? Please confirm.</p>	<p>Yes, the participants for FAT shall be for 16 different persons.</p>
8.	<p>19.13.1 – Must the aircon be inverter type?</p>	<p>Yes, all air conditioning units shall be inverter type.</p>

- Lastly, the deadline for the Submission of Bids for the said project shall be changed to **13 April 2021 (Tuesday), 2:00 p.m.** at the Records Management Office, CIAC Corporate Office Building, Civil Aviation Complex, Clark Freeport Zone, Pampanga, Philippines 2023. The Opening of Bids shall be conducted also on **13 April 2021 (Tuesday), 2:15 p.m.** at the CIAC Board Room, Corporate Office Building, Civil Aviation Complex, Clark Freeport Zone and thru video conferencing using Zoom Application.





Bidders can only attend the said opening of bids thru video conferencing. Meeting link will be provided only to the companies who submitted their respective bids on or before the deadline. For proper identification, bidders who will attend the said opening of bids thru video conferencing are advised to indicate their Full Name and Company Name as their username.

The said opening of bids may also be viewed or accessed live online thru the facebook page CIAC BAC Secretariat.

The CIAC reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

For the guidance of all concerned.


IRISH C. CALAGUAS
Chairperson, SBAC 

Issued on: 6 April 2021



BILL OF QUANTITIES					
Project Title : SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF PRIMARY SURVEILLANCE RADAR AND MONOPULSE SECONDARY SURVEILLANCE RADAR					
Item No.	Description	Quantity	Unit	Unit Cost (PhP)	Total Amount (PhP)
1.0	General Requirements				
1.1	Mobilization & Demobilization	1.00	lot		
1.2	Temporary Facilities including CIAC PMO Engineers	1.00	lot		
1.2.1	Furniture/Fixtures, Equipment & Appliances for the Field Office for the Engineer (rental basis)	1.00	lot		
1.2.2	laptop with minimum 8gb ram and 1tb storage (rental basis)	10	units		
1.2.3	office supplies	1.00	lot		
1.2.4	cellular phone units (rental basis) capable to take high definition photos with a 500 pesos monthly load.	10	units		
1.3	Safety Requirements (Personal Protective Equipment, Barriers/Barricades, Markings, Signages, Lightings, Two-Way Radio & others as required by MOS & other regulatory agencies)	1.00	lot		
	Total 1.0				
2.0	Equipment (RADAR)				
2.1	Radar equipment (PSR)				
	a. PSR S-Band system including antenna, drive unit and weather channel.	1.00	set		
2.2	Radar equipment (MSSR)				
	a. 2 Channel Secondary Surveillance Radar Mode S including Antenna Pedestal	1.00	set		
2.3	Spare Parts	1.00	lot		
	Total 2.0				
3.0	Local and Remote Control & Monitoring System	1.00	lot		
	for PSR and MSSR complete with accessories and Service Terminal Notebook				
	Total 3.0				
4.0	Standard Tools & Test Instruments	1.00	lot		
	Total 4.0				
5.0	Radome	1.00	set		
	Total 5.0				
6.0	System Ancillaries	1.00	lot		
	(Lightning Protection, Working Rope and Safety Equipment, Obstruction Light, Fire Detection and Alarm System)				
	Total 6.0				
7.0	Civil Works				
7.1	Radar Equipment Building	1.00	lot		
7.2	Radar Facility Renovation	1.00	lot		
7.3	Radar Antenna Tower	1.00	lot		
	Total 7.0				
8.0	UPS (OEM recommendation)	1.00	lot		
	Dual redundant UPS				
	Total 8.0				
9.0	Two Generators	1.00	lot		
	- Outdoor diesel generator with fuel tank, including ATS				
	- Conduits, Cables, Pipes, Cable Trays and other accessories				
	- Concrete Foundation				
	- Reserve Fuel Tank				
	Total 9.0				
10.0	Electro-Mechanical				

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	a. Electrical wirings & conduits, Lightings, Panel Board, outlets, accessories, surge arrester, ground rods, Power Cable Trenching, Pipe laying/earth grounding, Transformers	1.00	lot		
	Air Conditioning Unit for Radar Equipment Building and Radar Facility	1.00	lot		
	Total 10.0				
11.0	Communication Infrastructure				
	a. Fiber optic media converter/hub and Ancillaries, complete with: - Fiber optic communication link including fiber optic patch cord - Enclosures & other necessary accessories	1.00	lot		
	b. Microwave Link	1.00	lot		
	Total 11.0				
12.0	Installation, Testing, Commissioning, Trainings and other related services				
12.1	Equipment Installation of PRS, MSSR, Antenna	1.00	lot		
12.2	Radar data Integration, Surveying and Measurements	1.00	lot		
12.3	Project Management and Supervision	1.00	lot		
12.4	Design and As Built Drawings	1.00	lot		
12.5	Commissioning and Site Acceptance Test	1.00	lot		
12.6	Radar Flight Check	1.00	lot		
12.7	Construction/Maintenance Vehicle (2 Units)	1.00	lot		
12.8	Local On Site Training	1.00	lot		
12.9	Factory Training (Technical)	1.00	lot		
12.10	Factory Acceptance Test (FAT)	1.00	lot		
12.11	12 months or 1 year for the Defects Liability Period (DLP)/Spare Parts and Warranty Period of 24 months or 2 years	1.00	lot		
12.12	Airfreight Charges, Insurance Charges, Custom Brokerage, Storage, Delivery on Site Charges	1.00	lot		
	Total 12.0				
	GRAND TOTAL 1.0+2.0+3.0+4.0+5.0+6.0+7.0+8.0+9.0+10.0+11.0+12.0				
	TOTAL PROJECT COST				

TOTAL BID AMOUNT :

BID AMOUNT IN WORDS:

Name of Bidder's Authorized Representative: _____

Position/Designation: _____

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