

Bid Bulletin No. 1
May 24, 2019

Public Bidding No. 19-159-3

**Supply, Delivery, Installation, Training and Commissioning
of SCBA Refilling System for the Bureau of Fire Protection (BFP)**

Issued pursuant to Sec. 22.5 of the IRR of R.A. 9184 to clarify and/or amend certain provisions in the Bidding Documents issued for this project, considering the issues raised and clarifications made by prospective bidders during the **Pre-bid Conference** held on **May 17, 2019**, likewise, respond to bidder's written queries received within the prescriptive period for filing.

After considering the recommendations and suggestions, the Procurement Service – Bids and Awards Committee III hereby decides to include, revise, amend, delete and/or adapt the following provisions of the bidding documents relative to the above-mentioned project:

A. AMENDMENTS

REFERENCE	BASES FOR AMENDMENT
SECTION I. INVITATION TO BID	

<p>Page 4 XXX</p> <table border="1"> <thead> <tr> <th align="center">Activities</th> <th align="center">Schedule</th> </tr> </thead> <tbody> <tr> <td>Last day of Submission of Written Clarification</td> <td>May 20, 2019 <u>May 27, 2019</u></td> </tr> <tr> <td>Last day of Issuance of Bid Bulletin</td> <td>May 24, 2019 <u>May 31, 2019</u></td> </tr> <tr> <td>Deadline for Submission</td> <td>May 31, 2019 <u>June 7, 2019, 1:30PM</u></td> </tr> <tr> <td>Opening of Bids</td> <td>Immediately after the Deadline of Submission of Bids</td> </tr> </tbody> </table> <p>XXX</p> <p>Page 5 XXX</p> <table border="1"> <tbody> <tr> <td> <p align="center">Bid opening shall be conducted on May 31, 2019 <u>June 7, 2019 at 1:30 PM</u> at the Conference Room, Procurement Service, Cristobal St., Paco, Manila. Bids will be opened in the presence of the Bidders' representatives who choose to attend the opening. Late bids shall not be accepted. Unsealed or unmarked bid envelopes shall be rejected also.</p> </td> </tr> </tbody> </table> <p>XXX</p>	Activities	Schedule	Last day of Submission of Written Clarification	May 20, 2019 <u>May 27, 2019</u>	Last day of Issuance of Bid Bulletin	May 24, 2019 <u>May 31, 2019</u>	Deadline for Submission	May 31, 2019 <u>June 7, 2019, 1:30PM</u>	Opening of Bids	Immediately after the Deadline of Submission of Bids	<p align="center">Bid opening shall be conducted on May 31, 2019 <u>June 7, 2019 at 1:30 PM</u> at the Conference Room, Procurement Service, Cristobal St., Paco, Manila. Bids will be opened in the presence of the Bidders' representatives who choose to attend the opening. Late bids shall not be accepted. Unsealed or unmarked bid envelopes shall be rejected also.</p>	<p>To amend the Bidding Activities in Section I. Invitation to Bid</p>
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For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) ~~double~~ ~~strikeout~~ – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and "xxx" – denotes separation of phase/s being amended from the rest of the main text.

SECTION III. BID DATA SHEET		
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XXX		
21	<p>The address for submission of bids is:</p> <p><i>Bids and Awards Committee - III</i></p> <p><i>Procurement Service</i></p> <p><i>2nd Floor, PS Complex, RR Road</i></p> <p><i>Cristobal St., Paco, Manila</i></p> <p>The deadline for submission of bids is on May 31, 2019 <u>June 7, 2019 at 1:30PM.</u></p>	To amend the Bidding Activities in Section III. Bid Data Sheet
XXX		
SECTION VII. TECHNICAL SPECIFICATIONS		
Page 71		
XXX		
C. Control and Indicator Panel		To amend the Technical Specifications under Section VII. Technical Specifications
4. Two (2) pressure gauges (One pressure gauge serving 300 bar) <u>One (1) pressure gauge serving 300 bar</u>		Revised Technical Specifications is labelled as Appendix "A" in this Bid Bulletin.
XXX		

All other portions of the Bidding Documents affected by these amendments shall be made to conform to the same.

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

The changes made in the Philippine Bidding Documents are deemed integrated in the terms and conditions for this project.

SGD
ENGR. EDWARD R. SADDI
Chairperson, DBM-PS BAC 3

Other Clarifications	
Bidder's Clarification	Response
A.1. It should be state Electrical Supply instead of Drive Motor it should state 220/230V	Maintain the requirement as Drive Motor and Voltage of 230V
<p>B.1. 250 Liters /min</p> <p>Here the reason why a faster filling rate is not suitable:</p> <p>Most inventory of BFP are 6liter 300bar cylinders. Maximum allowable filling speed is 40bar/min. Minimum Filling Time is therefore 7.5min at 300bar. A 6ltr 300bar cylinder holds 1800bar/l of air.</p> <p>The maximum filling rate is 1800bar/l / 40bar/min = 253l/min Therefore a compressor in excess of 250l/min is unsuitable to fill 6 liter cylinders.</p>	Maintain the requirement of Output Capacity of at least 250 liters per minute
C.4. Second pressure gauge should display OIL PRESSURE	Maintain the requirement of One (1) pressure gauge serving 300 bar
<p>D.6. Over Pressure Safety Valve after every compression stage.</p> <p>Every compression stage is a pressure source and should be countered with applicable over-pressure safety valve.</p>	Maintain the requirement of Safety Valves
E.1. Current standard is EN12021:2014	Maintain the requirement of EN 12021
<p>G.1 Fill Valve Adapter needs to be DIN300 G5/8 female to CGA 347. Adapter needs to be non-sealing on CGA346.</p> <p>CGA346 (2,216psi cylinders) and CGA347 (4,500pi) share the same basic connection with minor modifications.</p> <p>A basic CGA347 adapter WILL seal on a CGA346 connection, allowing a 2216psi cylinder to be pressurised up to 4,500psi</p> <p>ASdapter needs to fit into filling ports of CFS</p>	Maintain the requirement of Fill Valve Adaptor with safety valve overpressure DIN300 G5/8 to CGA347
<p>G.2. Containment Fill Station</p> <ul style="list-style-type: none"> - Inlet Connection Type should be DIN300 / G5/8 female - Inlet will require an extension hose as 1m is too short to reach typical inlet ports of CFS - CGA must disallow filling if door is not closed and locked to prevent filling in non-safe operating conditions. - Filling Connection in CFS should be DIN300 5/8 Standard 	Maintain the requirement of Containment Fill Station

- CFS should have at least provision to fill 2 cylinders simultaneously	
Schedule of Delivery to be extended from 150 Calendar days to 210 Calendar days	Maintain the 150 calendar day Delivery Schedule

TECHNICAL SPECIFICATIONS

LOT NO. 1 : SUPPLY, DELIVERY, INSTALLATION,
 : TRAINING AND COMMISSIONING OF SCBA
 REFILLING SYSTEM

QUANTITY : 8 units

AGENCY SPECIFICATIONS	QUANTITY	BIDDER'S STATEMENT OF COMPLIANCE
A. Drive Motor <ol style="list-style-type: none"> 1. Voltage: 230 V 2. No. of phase: Single phase (1 Ø) 3. Frequency: 60 Hz 4. Protection Class: IP 54 minimum 	8 units	Brand and Model:
B. Compressor <ol style="list-style-type: none"> 1. Output Capacity: 250 liters per minute 2. No. Pressure Stage: Three (3) Stages 3. Cooling System: Air cooled 		
C. Control and Indicator Panel <ol style="list-style-type: none"> 1. Equipped with Operation Timer 2. Filter Saturation Warning Indicator 3. Low Oil Level Indicator 4. <u>One (1) pressure gauge serving 300 bar</u> 		
D. Safety Features <ol style="list-style-type: none"> 1. Emergency stop button 2. Automatic drain system 3. Automatic low-oil level shut down device 4. Automatic high temperature at final stage compression shut down device 5. Automatic Filter Cartridge Saturation Control System shut down device. 6. Safety Valves 		
E. Purification System <ol style="list-style-type: none"> 1. Air Quality: EN12021 compliant 2. Equipped with intake filter 3. Replaceable purification cartridge that does not require the disconnection of the system 4. Equipped with Mechanical Separator for condensed oil and water droplets. 		

<p>F. Tank Refilling Assemblies</p> <ol style="list-style-type: none"> 1. Factory pre-adjusted/set pressure reducing/maintaining device(s) to allow simultaneous filling of the 300 bar SCBA cylinder tanks. 2. Tank filling hoses of: <ol style="list-style-type: none"> 2.1 at least 1.0 meter length 2.2 Made of Kevlar or equivalent materials. 3. Two (2) sets at PN 300 bar 16mm (5/8in.) valve with automatic vent BSP tank connection. 		
<p>G. Accessories</p> <ol style="list-style-type: none"> 1. Fill Valve Adaptor with safety valve overpressure – DIN300 G5/8 to CGA347. 2. Containment Fill Station shall contain all cylinder debris and parts from accidental cylinder explosion/failure and allowing to escape gas preventing injury. Shall be certified to EN or US Standards. 		
<p>H. Label and Markings</p> <ol style="list-style-type: none"> 1. Labels, Instructions and information shall be printed in English. 2. Shall have contrast color bearing the word “BFP Property” at the most conspicuous place. 		
<p>I. Installation, Commissioning and Trainings</p> <ol style="list-style-type: none"> 1. Bidder/Supplier shall be responsible in installation and commissioning of the SCBA Refilling System to include securing the appropriate power supply voltage. 2. Provide trainings for four (4) personnel per recipient station related to the use, maintenance and care of SCBA Refilling System. 		
<p>J. Testing Requirements</p> <ol style="list-style-type: none"> 1. All delivered SCBA Refilling System shall undergo physical inspection and subjected to functionality and actual test. 		
<p>K. Warranty</p> <ol style="list-style-type: none"> 1. One (1) year warranty for all parts and accessories. 2. Conduct preventive maintenance for one (1) year. 		

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company	Signature Over Printed Name of Authorized Representative	Date
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