

**Republic of the Philippines**  
**SENATE**  
**REQUEST FOR SEALED QUOTATION**

Date : 9/3/2020 3:06:20PM  
 RSQ No. : RSQ-20-09-047  
 Requisitioner : MDB  
 Canvasser : RONALD C. GONZALES

Sir/Madam:

We invite all GEPS registered bidders to submit sealed quotation for the item/s listed below, addressed to the Chairman, Bids and Awards Committee (BAC), 4/F Senate of the Philippines, GSIS Bldg., Financial Center, Pasay City. The quotation for Purchase Request No. **PR-20-07-321** must be submitted to the Office of the Chairman, Bids and Awards Committee, Room 408 or the Secretariat, Bids and Awards Committee, Room 401, 4/F Senate of the Philippines, GSIS Building, Financial Center, Pasay City, not later than 5P.M. of \_\_\_\_\_. Kindly observe and comply with the stated specifications / descriptions / unit of items for quotation, and specify country of manufacture or origin in the item, any erasure must be properly initialed by the bidder. Bidders are presumed to have reviewed all bids indicated herein before submission to the BAC. Please do not forget to indicate the following references in your envelope "PR NO. \_\_\_\_\_ / RSQ NO. \_\_\_\_\_, Assigned Canvasser: \_\_\_\_\_, CLOSING DATE: \_\_\_\_\_"

LIKEWISE, ALL QUOTATIONS MUST BE VALID FOR AT LEAST THIRTY (30) TO FORTY FIVE (45) DAYS FROM THE CLOSING DATE OF POSTING WITH THE PhilGEPS AND SUBJECT TO THE GENERAL CONDITIONS FOUND AT THE BACK OF THIS FORM.

  
 ATTY. MARIA VALENTINA S. CRUZ

CHAIRPERSON

BIDS AND AWARDS COMMITTEE

**THE CHAIRMAN**

Bids and Awards Committee  
 c/o Secretariat, Bids and Awards Committee  
 Room 401 4/L, Senate of the Philippines, GSIS Building, Financial Center, Pasay City  
 Fax No. 552-6601 local 1602 or 552-6793

Sir:

As requested in your letter above, we are pleased to quote hereunder our price/s for the following item/s subject to the General Conditions stated at the back:

ITEM NO.	QTY	UNIT	ITEM/S DESCRIPTION (Kindly indicate BRAND NAME & MODEL of item/s of your offer/bid)	APPROVED BUDGET	UNIT PRICE (Inclusive of all Taxes)	TOTAL
			<b>PR-20-07-321 (MDB)</b>			
1	1	LOT	<b>Supply of labor, tools, materials and equipment for the installation of seven (7) units exhaust fan and two (2) units blower at the Medical and Dental Bureau</b> Note: 1. Please see attached specifications and bills of materials Note: 2. Please conduct ocular inspection prior to submission of quotation	Php 229,715.00 Php229,715.00/LOT		

Nothing Follows

Remarks:

R E C E I V E D

SEP 07 2020

BY: L TIME: 8:30  
 PROCUREMENT, PPS

(QUOTATIONS must be valid for at least thirty [30] to forty five [45] days from closing date)

TERMS OF DELIVERY \_\_\_\_\_

TERMS OF PAYMENT: Government Terms (NO C.O.D. / NO ADVANCE PAYMENT)

Address of Supplier \_\_\_\_\_

(Name of Company) \_\_\_\_\_

E-Mail Address \_\_\_\_\_

PhilGEPS Reg. No. \_\_\_\_\_ Expiry Date: \_\_\_\_\_

Tel./Fax No./s \_\_\_\_\_

TIN \_\_\_\_\_

(Signature over Printed Name Authorized Representative)

BID ID # 12098

GEPS REF# \_\_\_\_\_

Closing Date: 15 SEPT 2020 / 4:00AM

By: RCG

Date Posted: 08 SEPT

ID	Type	Volume Flow m <sup>3</sup> /s	Length m	Velocity m/s	Ducting		
					Circular	Rectangular	
					Diameter m	Length m	Width m
A	Branch	0.2667	6.88	5.44218	0.25	x	x
B	Branch	0.2667	5.5	5.44218	0.25	x	x
C	Branch	0.1333	3.73	4.30108	0.2	x	x
D	Branch	0.2667	1.58	3.75587	0.3	x	x
E	Junction	0.9333	x	x	x	x	x
F	Duct	0.9333	1.13	5	x	0.5	0.5
G	Branch	0.1333	3.9	4.30108	0.2	x	x
H	Duct	1.0667	2.64	4.26667	x	0.5	0.5
I	Branch	0.1333	4.09	4.30108	0.2	x	x
J	Duct	1.2000	5.4	3.33333	x	0.6	0.6
K	Branch	0.2667	4.59	5.44218	0.25	x	x
L	Duct	1.4667	7.99	4.07407	x	0.6	0.6
M	Blower	1.3000	x	x	x	0.6	0.6
N	Duct	1.3000	17.92	3.61111	x	0.6	0.6
O	Blower	1.3000	x	x	x	0.6	0.6
P	Duct	1.3000	18.93	3.61111	x	0.6	0.6
Q	Wall Hood	x	x	x	x	x	x

ID	Model	Volume Flow m <sup>3</sup> /hr	Price
A	XFC - 250 - 10"	660	1,100
B	XFC - 250 - 10"	660	1,100
C	XFC - 200 - 8"	480	900
D	XFC - 300 - 12"	960	1,300
G	XFC - 200 - 8"	480	900
I	XFC - 200 - 8"	480	900
K	XFC - 300 - 12"	960	1,300
M	TIS-290FS	4,680	24,000
O	TIS-290FS	4,680	24,000
		<b>Sub-Total:</b>	<b>55,500</b>

Legend:

	as per product specification
	auxiliaries
	branches w/ exhaust fans
	assumed value as per code

**Project:**

Installation of Ducted Exhaust Fans at the Senate Medical Office at the 2nd Floor

**Calculations:**

**1. Areas per Section**

Section	Area in m <sup>2</sup>	Volume in m <sup>3</sup>
Reception	31	124
Dental	40	160
Staff	56	224
Doctor 1	13	52
Doctor 2	13	52
Doctor 3	13	52

Assume 4 m for floor to ceiling height

**2. Air changes / hour as per code**

Hospital rooms                      8 / hr

**3. Required Exhaust Fan Capacity**

Section	Volume in m <sup>3</sup>	L/s	
Reception	124	<b>276</b>	12"
Dental	160	<b>356</b>	10"
Staff	224	<b>498</b>	12"
Doctor 1	52	<b>116</b>	8"
Doctor 2	52	<b>116</b>	8"
Doctor 3	52	<b>116</b>	8"

**OMNI**

	m3/min	m3/hr	L/s	CFM
12"	16	960	267	566
10"	11	660	183	388
8"	8	480	133	282

Brills                      Price  
TIS-290FS                      24,000 4,680 m3/hr

**4. Recommendations**

Section	Exhaust Fan
Reception	<b>1 unit Ceiling Exhaust 12"</b>
Dental	<b>2 units Ceiling Exhaust 10"</b>
Staff	<b>1 unit Ceiling Exhaust 12"</b>
Doctor 1	<b>1 unit Ceiling Exhaust 8"</b>
Doctor 2	<b>1 unit Ceiling Exhaust 8"</b>
Doctor 3	<b>1 unit Ceiling Exhaust 8"</b>

Assume unit stocks from:

[https://www.omnipillippines.com.ph/product\\_category/exhaust-fans/](https://www.omnipillippines.com.ph/product_category/exhaust-fans/)

Models	Price
XFC - 300 - 12"	1,300
XFC - 250 - 10"	1,100
XFC - 200 - 8"	900

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## Bill of Materials

### A. Exhaust Fans

ID	Model	Volume Flow m3/hr	Price
A	XFC - 250 - 10"	660	1,100
B	XFC - 250 - 10"	660	1,100
C	XFC - 200 - 8"	480	900
D	XFC - 300 - 12"	960	1,300
G	XFC - 200 - 8"	480	900
I	XFC - 200 - 8"	480	900
K	XFC - 300 - 12"	960	1,300
M	TIS - 290FS	4,680	24,000
O	TIS - 290FS	4,680	24,000
		<b>Sub-Total:</b>	<b>55,500</b>

<b>Sub-Total A</b>	<b>55,500</b>
<b>Sub-Total B</b>	<b>122850</b>
<b>Labor + Profit</b>	<b>26,753</b>
<b>VAT</b>	<b>24612.3</b>
<b>Grand Total</b>	<b>229,715</b>

### B. Materials

	Materials	Amount	Unit	Price	Unit Cost	Remarks
1	Duct Hangers	30	pcs	1,000	30000	every 2ft; clamps/threaded rods/ bolts
2	GI sheet	55	sheets	1,500	82500	Plain; gauge 24
3	Flexible Air Duct			-		
	12"	1	box	2,000	2000	Flexible Aluminum Duct, 10m/box
	10"	2	box	1,500	3000	
	8"	2	box	1,200	2400	
4	Riveter	1	unit	200	200	
5	Blind Rivet	1	box	500	500	5/32 Size; 1000pc/box
6	Drill Bit	5	pcs	150	750	#20 Size, spiral flute
7	Aluminum Duct Tape	5	rolls	300	1500	3"
				<b>Sub-Total:</b>	<b>122850</b>	

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