



National Kidney and Transplant Institute
Bids and Awards Committee
East Avenue, Quezon City 1100
981-0300 / 981-0400 local 1157
<http://www.nkti.gov.ph/>

SUPPLEMENTAL BID BULLETIN NO. 20-099-1

ONE (1) LOT SUPPLY AND DELIVERY OF LABOR, TOOLS, MATERIALS, EQUIPMENT, CONSUMABLES, SUPERVISION AND TECHNICAL EXPERTISE FOR THE INSTALLATION, TESTING AND COMMISSIONING OF ANESTHETIC GAS SCAVENGING SYSTEM ON TWELVE (12) OPERATING ROOMS

Bid Reference ITB No. 20-099

This Supplemental Bid Bulletin **No. 20-099-1** is being issued to inform all the prospective bidders on the following amendment:

- a. Section III. Bid Data Sheet**
Please see attached Revised Bid Data Sheet
- b. Section VI. Schedule of Requirements**
Please see attached Revised Schedule of Requirements
- c. Section VI. Technical Specifications**
Please see attached Revised Technical Specifications
- d. Change in the Title of the Project**

FROM	TO
One (1) Lot Supply and Delivery of Labor, Tools, Materials, Consumables, Supervision and Technical Expertise for the Installation of Anesthetic Gas Scavenging System on Twelve (12) Operating Rooms	One (1) Lot Supply and Delivery of Labor, Tools, Materials, Equipment, Consumables, Supervision and Technical Expertise for the Installation, Testing and Commissioning of Anesthesia Gas Scavenging System on Twelve (12) Operating Rooms

This Supplemental Bid Bulletin including Annexes, if any, shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 30th day of September 2020 in Quezon City.

(SGD)JOSEPH MICHAEL A. JARO, MD
BAC, Chairman

Received by: (PLS SIGN) _____

Bidder's Name: (PLS PRINT) _____

Date: _____



Republic of the Philippines
National Kidney and Transplant Institute
Bids and Awards Committee
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SECTION III

Revised Bid Data Sheet

ITB No. 20-099

ITB Clause	PARTICULARS
1.1	The Procuring Entity is <i>the National Kidney and Transplant Institute</i>
1.2	The lot (s) and reference is/are: SUPPLY AND DELIVERY OF LABOR, TOOLS, MATERIALS, EQUIPMENT, CONSUMABLES, SUPERVISION AND TECHNICAL EXPERTISE FOR THE INSTALLATION, TESTING AND COMMISSIONING OF ANESTHETIC GAS SCAVENGING SYSTEM ON TWELVE (12) OPERATING ROOMS
2	The Funding Source is: The Corporate Operating Budget of 2020 <i>in the total amount of Three Million Three Hundred Fifty Thousand Pesos (Php3,350,000.00)</i> . The name of the Project is: SUPPLY AND DELIVERY OF LABOR, TOOLS, MATERIALS, EQUIPMENT, CONSUMABLES, SUPERVISION AND TECHNICAL EXPERTISE FOR THE INSTALLATION, TESTING AND COMMISSIONING OF ANESTHETIC GAS SCAVENGING SYSTEM ON TWELVE (12) OPERATING ROOMS
3.1	No further instructions
5.1	No further instructions
5.4	The prospective bidder should have completed within THE PAST THREE (3) YEARS a Single Largest Similar Completed Contract (SLSCC) must be equivalent to at least FIFTY percent (50%) of the (ABC) , For this purpose, similar contracts shall refer to <i>Supply and Installation of Anesthetic Gas Scavenging System</i> .
5.5	The Bidder must submit a computation of its Net Financial Contracting Capacity

	<p>(NFCC) or a commitment from a Universal or Commercial Bank to extend a credit line in its favor if awarded the contract for this Project (CLC).</p> <p>The NFCC, computed using the following formula, must be at least equal to the ABC to be bid:</p> <p>NFCC = [(Current assets minus current liabilities) (K)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.</p> <p>Where:</p> <p>NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.</p> <p>The CLC must be at least equal to ten percent (10%) of the ABC for this Project. If issued by a foreign bank, it shall be confirmed or authenticated by a Universal or Commercial Bank. In the case of local government units (LGUs), the Bidder may also submit CLC from other banks certified by the <i>Bangko Sentral ng Pilipinas</i> (BSP) as authorized to issue such financial instrument. A prospective bidder may submit a committed Line of Credit from a Universal or Commercial Bank, in lieu of its NFCC computation.</p> <p>If the prospective bidder submits a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid: Provided, that if the same is issued by a foreign Universal or Commercial Bank, it shall be confirmed or authenticated by a local Universal or Commercial Bank.</p>
6.1	No further instructions
7	No further instructions
8.1	Sub-contracting is not allowed
8.2	Not applicable
9.1 (a)	<p>The Procuring Entity will hold a Pre-Bid Conference for this project on:</p> <p>September 29, 2020 (Tuesday) 9:00 AM</p> <p>Claver Ramos Auditorium G/F NKTl Main Building East Avenue, Diliman Quezon City</p>
9.1 (b)	The Procuring Entity address for the submission of bids:

	<p>October 13, 2020 (Tuesday) 9:00 AM</p> <p>Claver Ramos Auditorium G/F NKTl Main Building East Avenue, Diliman Quezon City</p>
10.1	<p>The BAC Secretariat address is:</p> <p><i>G/F NKTl Main Building East Avenue, Diliman Quezon City</i></p>
12.1 (a) (i to vii))	<p>The Bidder shall submit the following <u>ELIGIBILITY AND TECHNICAL DOCUMENTS ARRANGED, NUMBERED, TABBED, WITH PROPER TITLE/LABEL IN SOFT BOOK BINDED BLUE FOLDERS</u> as enumerated below.</p> <p>(a) Eligibility Documents:</p> <p><u>Class “A” Documents:</u></p> <p>i. Certified True Copy of Registration certificate from the Securities and Exchange Commission (SEC), including Articles of Incorporation duly filed and received by SEC, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives.</p> <p>ii. Certified True Copy of Mayor's/Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas.</p> <p>In cases of recently expired Mayor's/Business permits, it shall be accepted together with the official receipt as proof that the bidder has applied for renewal within the period prescribed by the concerned local government unit, provided that the renewed permit shall be submitted as a post-qualification requirement in accordance with Section 34.2 of this IRR.</p> <p>iii. Certified True Copy of current and valid Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR.</p> <p>iv. Certified True Copy of current and valid Certificate of PhilGEPS Registration.</p>

v. Duly notarized statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid. (USE NKTi TEMPLATE)

- (v. 1) Name of Contract;
- (v. 2) Date and status of the contract;
- (v. 3) Contract duration
- (v. 4) Owner's name, address and contact number
- (v. 5) Kinds of Goods;
- (v. 6) Amount of contract and value of outstanding contracts;
- (v. 7) Date of delivery;

vi. Duly notarized statement of Single Largest Similar Completed Contract (SLSCC), within the past three (3) years, equivalent to at least FIFTY percent (50%) of the (ABC). (USE NKTi TEMPLATE):

- (vi. 1) name of the contract;
- (vi. 2) date of the contract;
- (vi. 3) kinds of Goods;
- (vi. 4) Contract duration and contact number;
- (vi. 5) amount of completed contract date of delivery; and
- (vi. 6) end user's acceptance or official receipt(s) issued for the contract, if completed

vii. Certified True Copy by the bidder's authorized representative of Audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years (comparative year 2018 & 2019) from the date of bid submission.

viii. Original copy of the NFCC computation in accordance with ITB Clause 5.5; (The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR). However, in the case of procurement of Goods, a bidder may submit a committed Line of Credit from a Universal or Commercial Bank, in lieu of its NFCC computation.

ix. **Appropriate and valid PCAB License for government projects;**

Class "B" Document:

x. If applicable, the JVA in case of the joint venture is already in existence, or if not, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security. Each partner of the joint venture shall submit the PhilGEPS Certificate of registration in accordance with Section 8.5.2 of the IRR. The submission of technical and financial documents by any of the joint venture partners constitutes compliance.

(b) Technical Documents

i. The bidder shall submit a Bid Securing Declaration, or any form of Bid Security, in an amount not less than the required percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not less than the required percentage of the ABC)
a. Payment in Cash or cashier's/manager's check issued by a Universal or Commercial Bank issued to National Kidney and Transplant Institute.	Two percent (2%)
b. Bank draft/guarantee or irrevocable letter of credit issued to National Kidney and Transplant Institute by a Universal or Commercial Bank ; <i>Provided, however,</i> That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
c. Surety bond for and under the name of National Kidney and Transplant Institute callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Five percent (5%)

ii. Duly accomplished and signed Production/ Delivery Schedule using the form as provided for in Section VI; **(USE NKTi TEMPLATE);**

iii. Duly accomplished and signed Terms of Reference / Technical

	<p>Specification using the form as provided for in Section VII; (USE NKTi TEMPLATE);</p> <p>iv. Original copy or Clear color photocopy of brochures for all offered equipment;</p> <p>v. OMNIBUS AFFIDAVIT in accordance with Section 25.2(a)(iv) of the IRR of RA 9184 and using the form prescribed in Section VIII of the Philippine Bidding Documents shall include: (USE NKTi TEMPLATE)</p> <p>(a) The signatory is the duly authorized representative of the prospective bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the prospective bidder in the bidding, with the duly notarized Board Resolution attesting to such fact, if the prospective bidder is a corporation, partnership, cooperative, or joint venture.</p> <p>(b) Disclosure of Relations (As per Section II, Instructions to Bidders, Clause 4.2 of the Bidding Documents)</p> <p>(c) It is not blacklisted or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB</p> <p>(d) Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;</p> <p>(e) It is authorizing the Head of the Procuring Entity or his duly authorized representative/s to verify all the documents submitted;</p> <p>(f) It complies with the disclosure provision under Section 47 of the revised IRR of RA 9184 in relation to other provisions particularly Section 3, 4, 5 and 6 of RA 3019, Anti Graft and Corrupt Practices Act;</p> <p>(g) It complies with the existing labor laws and standards</p> <p>(h) It complies with the responsibilities of a prospective or eligible bidder:</p>
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	<ol style="list-style-type: none"> 1. Having taken steps to carefully examine all of the bidding documents; 2. Having knowledge on all conditions, local or otherwise, affecting the implementation of the contract; 3. Having made an estimate of the facilities available and needed for the contract to be bid, if any; and 4. Having complied with his responsibility as provided for under Section 22.5.1. <p>(i) It did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity;</p> <p>ix. Duly notarized authority of the signatory:</p> <ol style="list-style-type: none"> i. For Single Proprietorship – Special Power of Attorney (SPA) issued by ownership/proprietor. In case the signatory is not the owner, an SPA attachment is required as authorized representative. ii. For Partnership – Partnership resolution issued by the General Partner or President of the Partnership. iii. For Corporation – Board Resolution/ Board Secretary’s Certificate stating authorized representative and signatory. iv. For Joint Venture – Board Resolution/ Secretary’s Certificate of each JV Partner
13.1	<p>The Bidder shall submit the following <u>FINANCIAL PROPOSAL DOCUMENTS ARRANGED, NUMBERED, TABBED WITH PROPER TITLE/LABEL SOFT BOOK BINDED YELLOW FOLDER</u> as enumerated below:</p> <ol style="list-style-type: none"> (a) Duly accomplished and signed Bid Form, using the prescribe form; (b) Duly accomplished and signed Price Schedule, using the prescribe form;
13.1 (a to b)	No further instructions
13.2	<p>The ABC is <i>Three Million Three Hundred Fifty Thousand Pesos (Php3,350,000.00)</i>. Any bid with a financial component exceeding this amount shall not be accepted.</p>

Item No.	Description	Qty	Unit	Total ABC (PhP)
1	One (1) Lot Supply and Delivery of Labor, Tools, Materials, Equipment, Consumables, Supervision and Technical Expertise for the Installation, Testing and Commissioning of Anesthetic Gas Scavenging System on Twelve (12) Operating Rooms	1	lot	Php3,350,000.00
TOTAL				Php3,350,000.00
15.4 (a)(iii)	No further instructions			
15.4 (b)(ii)	No further instructions			
16.1 (b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.			
16.3	No further instructions			
17.1	Bids will be valid until <i>One Hundred Twenty (120) days from the submission and opening of bids.</i>			
18.1	<p>The Bid security in the form, amount and 120 calendar day validity period in accordance with ITB Clause 18. If the Bidder opts to submit the bid security of:</p> <p>a. Payment in Cash or cashier's/manager's check issued by a Universal or Commercial Bank issued to National Kidney and Transplant Institute;</p> <p>b. Bank draft/guarantee or irrevocable letter of credit issued to National Kidney and Transplant Institute by a Universal or Commercial Bank ; <i>Provided, however,</i> That it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p>c. Surety bond for and under the name of National Kidney and Transplant Institute callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.</p> <p>d. A bid securing Declaration is an undertaking which states, among others, that the bidder shall enter into contract with the procuring entity and furnish the required performance security within ten (10) calendar days, or less, as indicated in the Bidding Documents, from receipt of the Notice of Award, and committing to pay the corresponding fine and be suspended for a period of time from being</p>			

	<p>qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as required in the guidelines issued by the GPPB. (GPPB Circular No. 01-2014 dated 23 May 2014).</p>
18.2	<p>The bid security shall be valid until <i>one hundred twenty (120) calendar days from opening of bids.</i></p> <p><i>Should it become necessary to extend the validity of the bids and bid securities beyond one hundred twenty (120) calendar days, the procuring Entity concerned shall request in writing all those who submitted bids for such extension before the expiration date therefore. Bidders, however, shall have the right to refuse to grant such extension without forfeiting their bid security.</i></p>
20.1	<p>Bidders shall enclose their original eligibility and technical documents described in ITB Clause 12 in one blue folder marked “ORIGINAL - TECHNICAL COMPONENT” sealed in a blue envelope marked as “ORIGINAL TECHNICAL BID”.</p> <p>BLUE EXPANDABLE ENVELOPE shall contain the following:</p> <ol style="list-style-type: none"> 1. BLUE FOLDER 1 LABELED AS “ORIGINAL COPY” (<u>SOFT BOOK BINDED FOLDER</u>) - Original Copy of Eligibility Documents consisting of: <ol style="list-style-type: none"> a. Class A - Legal documents, Legal and Financial Eligibility Documents (see ITB Clause 12). b. Class B – If Applicable. 2. BLUE FOLDER 2 LABELED AS “COPY 1” (<u>SOFT BOOK BINDED FOLDER</u>)- Copy 1 must be certified true copy (CTC seal is encouraged to be in blue colored ink) 3. BLUE FOLDER 3 LABELED AS “COPY 2” (<u>SOFT BOOK BINDED FOLDER</u>) - Copy 2 must be certified true copy (CTC seal is encouraged to be in blue colored ink)
20.2	<p>Bidders shall enclose their original financial documents described in ITB Clause 12 in one YELLOW folder marked “ORIGINAL - FINANCIAL COMPONENT” sealed in a YELLOW envelope marked as “ORIGINAL FINANCIAL BID”.</p> <p>YELLOW EXPANDABLE ENVELOPE shall contain the following:</p> <ol style="list-style-type: none"> 1. YELLOW FOLDER 1 LABELED AS “ORIGINAL COPY” (<u>FOLDER</u>) Original Copy of Financial Document of: <ol style="list-style-type: none"> a. Bid Proposal using the prescribe form in Section VIII.

	<p>2. YELLOW FOLDER 2 LABELED AS “COPY 1” (FOLDER)- Copy 1 must be certified true copy (CTC seal is encouraged to be in blue colored ink)</p> <p>3. YELLOW FOLDER 3 LABELED AS “COPY 2” (FOLDER) - Copy 2 must be certified true copy (CTC seal is encouraged to be in blue colored ink)</p>
20.3	<p>Each Bidder shall submit one (1) original and two (2) copies of the eligibility and technical documents and one (1) original and two (2) copies of the financial documents.</p> <p>Note: For this bidding an “original” means a certified true copy of the original document signed by the authorized representative/signatory of the bidder.</p>
20.4	<p>All folder and envelopes shall:</p> <ul style="list-style-type: none"> (b) contain the name of the contract to be bid in capital letters; (c) bear the name and address of the Bidder in capital letters; (d) be addressed to the Procuring Entity’s BAC in accordance with ITB Clause 1.1; (e) bear the specific identification of this bidding process indicated in the ITB Clause 1.2; and (f) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with ITB Clause 21.
21	<p>The address for the submission of bids is:</p> <p style="text-align: center;"><i>Claver Ramos Auditorium G/F Main Building East Avenue, Diliman, Q. C.</i></p>
24.1	<p>The place of bid opening is</p> <p style="text-align: center;"><i>Claver Ramos Auditorium G/F Main Building East Avenue, Diliman, Q. C.</i></p> <p>The date and time of bid opening is October 13, 2020, (Tuesday) 9:00AM</p>
24.2	No further instructions
27.1	No further instructions
28.3	All items to be grouped together to form one complete Lot that will be awarded to one bidder to form one complete contract.

28.3 (a)	<u>Completeness of the bid.</u> Unless the ITB specifically allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be provided for.
28.3 (b)	Bid modification after the deadline for submission and opening of bids is not allowed.
28.4	No further instructions
29.2	<p>The LCB shall submit the following documentary requirements within a non-extendible period of five (5) calendar days from receipt of the notification.</p> <p><u>I. Documents from the Bidder:</u></p> <ol style="list-style-type: none"> 1. Original/Certified true copy of Latest income and business tax returns; 2. Original/Certified true copy of other appropriate licenses and permits required by law and stated in the Bidding Documents; 3. Original/Certified true copy of Bureau of Internal Revenue Registration Certificate; 4. Latest General Information Sheet (GIS) duly filed and received by SEC, if applicable; 5. Certificate of PhilGEPS Registration (Platinum Membership); 6. Certificate of Warranty for at least Two (2) years for equipment, and parts, and Two (2) years on service from the date of final acceptance; 7. Certificate of guarantee for Quarterly Preventive Maintenance, calibration with certification for Two (2) years; 8. Certificate of Site Inspection issued by NKTi-General Services Division (GSD); 9. Certification that the bidder is an authorized installer of the scavenging system; 10. Submission of shop drawing for approval of end-user and technical working group prior to installation;

	<p>Only Tax Returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted.</p> <p>NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.</p> <p>Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the bidder for award: <i>Provided</i>, that in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the Bid Security in accordance with Section 69 of this IRR.</p>	
32.4 (f)	No additional requirement	



Section VI Revised Schedule of Requirements

ITB NO. 20-099

ITEM NO.	DESCRIPTION	QTY	DELIVERY SITE			DELIVERY PERIOD
			OFFICE	FACILITY	ADDRESS	
1	One (1) Lot Supply and Delivery of Labor, Tools, Materials, Equipment, Consumables, Supervision and Technical Expertise for the Installation, Testing and Commissioning of Anesthetic Gas Scavenging System on Twelve (12) Operating Rooms	lot	SMD	National Kidney and Transplant Institute	East Avenue, Diliman, Quezon City	A. Delivery, Installation, Testing and Commissioning Period: Within Sixty (60) Ninety (90) calendar days from receipt of Notice to Proceed and Purchase Order B. Terms of Payment: within sixty (60) days from receipt of original copy of Invoice/ DR , IAR and Certificate of Final Acceptance from the End-user
CONFORME:						
<i>(Company Name)</i>						
<i>(Name and Signature of Authorized Representative)</i>						



SECTION VII

REVISED TECHNICAL SPECIFICATIONS

ITB No. 20-099

**SUPPLY AND DELIVERY OF LABOR, TOOLS, MATERIALS, EQUIPMENT, CONSUMABLES,
 SUPERVISION AND TECHNICAL EXPERTISE FOR THE INSTALLATION, TESTING AND
 COMMISSIONING OF ANESTHESIA GAS SCAVENGING SYSTEM ON TWELVE (12)
 OPERATING ROOMS**

INSTRUCTION: Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

Particulars	Requirements	Statement of Compliance
TWO (2) PCS UNITS ANESTHETIC GAS SCAVENGING SYSTEM PLANT DUPLEX MACHINE OR BETTER		
Production and Testing	<ul style="list-style-type: none"> HTM02-01 or ISO 7396-1:2007 or any international equivalent certification 	
Electrical Requirements	<ul style="list-style-type: none"> pumps fused at 16 amps 	
	<ul style="list-style-type: none"> start current - 24.5 amps 	
	<ul style="list-style-type: none"> run current - 7.0 amps 	
Design Feature	<ul style="list-style-type: none"> assembly frame 	
	<ul style="list-style-type: none"> control panel 	

CONFORME:
(Company Name)
(Name and Signature of Authorized Representative)

	<ul style="list-style-type: none"> control cabinet 	
	<ul style="list-style-type: none"> isolating switch 	
	<ul style="list-style-type: none"> motor contactor 	
	<ul style="list-style-type: none"> thermal overload relay 	
	<ul style="list-style-type: none"> vacuum switch 	
	<ul style="list-style-type: none"> electric motor 	
Power Supply	<ul style="list-style-type: none"> 3 Phase 440V 60 Hz or provide appropriate step-down transformer for any voltage requirement of the machine 	
	<ul style="list-style-type: none"> side channel vacuum pump, air-cooled 	
Inlet	<ul style="list-style-type: none"> copper pipe, Ø 42mm 	
Outlet	<ul style="list-style-type: none"> copper pipe, Ø 54mm 	
Remote Control Connection	<ul style="list-style-type: none"> 24VAC / 5 wire + earth 	
	<ul style="list-style-type: none"> condensate drain flask 	
Emergency Valve Opening Pressure	<ul style="list-style-type: none"> Vacuum relief valve, pre-set to 125 mbar 	
	<ul style="list-style-type: none"> Flow/ Vacuum sensor, pre-set to 65 mbar (falling) 	
	<ul style="list-style-type: none"> Automatic regulating valve, controls the vacuum level to pre-set minimum per room 	
Air Pressure	<ul style="list-style-type: none"> 70 to 110 kPa 	
Working Pressure	<ul style="list-style-type: none"> AGSS Plant are designed to give a constant flow rate between a maximum of 130l/min with a 1 kPa resistance to flow to a minimum of 80l/min with 4 kPa resistance at each terminal unit (or psi equivalent) 	
Dimension (m)	<ul style="list-style-type: none"> The machine should fit inside the dedicated room with the following measurement: L/W/H 2.4/2.3/3 m or its equivalent 	
Other requirements	<ul style="list-style-type: none"> Has Visual Alarm System provides convenient control of the plant and gives a clear visual 	

NKTI- ITB No. 20-099: One (1) Lot Supply and Delivery of Labor, Tools, Materials, Equipment, Consumables, Supervision and Technical Expertise for the Installation, Testing and Commissioning of Anesthetic Gas Scavenging System on Twelve (12) Operating Rooms
Section VII, Revised Terms of Reference
Page 2 of 4

CONFORME:
(Company Name)
(Name and Signature of Authorized Representative)

	indication of the system operating status	
	<ul style="list-style-type: none"> The scavenging machine should be delivered completely built unit (CBU) 	
	<ul style="list-style-type: none"> Anti-vibration mounting 	
TWELVE (12) PCS TERMINAL UNIT HTM - AGSS		
	<ul style="list-style-type: none"> Has a medical gas terminal unit for 50% oxygen and 50% nitrous oxide is designed to conform to HTM 02-01 	
	<ul style="list-style-type: none"> It will incorporate a sheer plane that ensures a fail-safe condition after accidental damage or bed jacking, causing no damage to fist fix and enabling easy replacement without isolation 	
	<ul style="list-style-type: none"> The terminal unit is made of brass and die-cast zinc collar with stainless steel rolling pins 	
	<ul style="list-style-type: none"> An integral check valve allows removal of the housing and socket assemblies for maintenance without closing down the entire pipeline 	
	<ul style="list-style-type: none"> Must be interoperable compatible with all the existing anesthesia machine 	
	<ul style="list-style-type: none"> The supplier is an authorized distributor of anesthesia machine available in the institution 	
TWELVE (12) PCS TRANSFER SYSTEM (From Anesthesia to AGSS Outlet)		
	<ul style="list-style-type: none"> AGSS probe compatible with all existing anesthesia machine 	
	<ul style="list-style-type: none"> Outlet from anesthesia machine going to Terminal Unit 	
Disposal System	<ul style="list-style-type: none"> Exhaust pipe size = ASTM B 88 1-1/8"Ø Type M, hard drawn seamless 	
Receiving System	<ul style="list-style-type: none"> Dropline pipe size = ASTM B 88 5/8"Ø Type M, hard drawn seamless 	
	<ul style="list-style-type: none"> Main Distribution pipe size = ASTM B 88 2-1/8"Ø Type M, hard drawn seamless 	

CONFORME:
(Company Name)
(Name and Signature of Authorized Representative)

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

TERMS AND CONDITIONS:

1. The Supplier shall deliver the equipment in a secured and sealed packaging (water and dust tight) and be handled in such manner as to prevent them from any damage. The end-user has the right to refuse/reject any deliveries which has damage/defects and fails to comply with the required specifications. The supplier shall replace it within seven (7) working days. Repair of such is unacceptable.
2. The Supplier shall deliver the required equipment, materials and accessories specified in the Terms of Reference within the prescribed delivery period stipulated in the PO to Warehouse for inspection and installation. **Delivery shall be made from Monday to Friday, during office hours.**
3. The Supplier shall install, test and commission the equipment, cables, accessories, and other related materials for a complete system. Coordinate with the GSD for the work permit and schedule of installation.
4. Warranty shall cover equipment, parts, and service for at least two (2) years from the date of final acceptance.

Printed Name of Company

Date

Address

Tel. No.

CONFORME:
_____ Signature
_____ Printed Name and Designation

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>