

PROJECT: REPLACEMENT OF OLD 750KVA GENERATOR SET AT POWERHOUSE MAIN OFFICE (RE-ADVERTISEMENT)

QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE AND WRITTEN QUERIES:

	Query/Clarifications	TWG/BAC Reply
1	Is the wiring from the Main Distribution Panel to the Automatic Transfer Switch Included?	Yes
2	Scope of Testing	Load Bank testing at 100% in 15 minutes to be conducted at supplier's warehouse during Post Qualification of the winning bidder. And to be witness by TWG members
3	What are the Mechanical and Local Permits stated at the ITB?	Permit to operate , DENR clearance & installation permit. Since we have no Pollution control Officer here at SSS Main Bldg., and building permit application is still in the process instead ,we will be requiring the winning bidder to secure the installation permits only.
4	How is the 5 days Training? Is it 5 Consecutive days?	Yes, after the successful installation of the genset. (testing & commissioning)
5	What are the Shop Drawings needed? Please state all the following so we can provide those during the bid opening.	Shop drawings for the proposed ECB, and ATS indicating its dimension of the enclosures which should be submitted together with the product data sheet reflecting the required technical specifications.
6	<p>During the Pre-bid conference held last September 29, 2022, we clarified where is the installation site of the 750KVA Generator Set. And the response was: Replacement of Old 750 KVA Generator Set at Main Office Powerhouse.</p> <p>We understand the Twenty-four (24) Emergency Call Services requirement is to address the technical support of SSS which must be available 24 hours a day for SSS to communicate the problem. Your requirement is "Must have a Toll-Free Hotline" in which not all bidders have.</p> <p>May we request the Committee to accept the latest technical support reporting, the Bidder must have a Helpdesk System operating twenty-four hours (24) x seven (7) days a week technical support via web, email and phone (landline which is located in National Capital Region and</p>	<p>Must have a TOLL-FREE HOTLINE</p> <p>During emergency cases, it would be more advantageous to SSS that the Bidder must have a Toll Free Hotline since such calls allow the callers to reach business and individuals out of the area without being charge a long distance.</p> <p>The 1-800 numbers are Toll Free that charge the cost of making long distance call to owner of the number that the person making the call.</p> <p>Help desk system which operates 24/7 days a week with technical support via web, e-mail needs internet connection which entails extra cost for the system. It would be better to have two alternative options of communication especially during emergency cases in case one fails.</p>

	<p>mobile number) for all of SSS' designated technical staff. Helpdesk Support System in place to accommodate SSS' technical request. Helpdesk system will provide ticket for each technical request or issues and will provide continues status and report until the resolution. Helpdesk must be available twenty-four hours (24) x seven (7) days a week including holidays. And also, please be informed that we are going to perform the required technical support because we will conform to the provision of the bidding documents under Section V. Special Conditions of Contract, page 24 (GCC Clause 2.2 – A Retention Money of five (5) % percent of the total contract price will be deducted from the payment and shall only be released after the lapse of the warranty period. The warranty security will be deducted in case of non-performance of the Service Level Agreement during the Warranty period</p> <p>Again, we humbly request to the Honorable BAC to allow as an equivalent to “Must have a Toll-Free Hotline”, the technical support via web, email and phone (landline which is located in NationalCapital Region and mobile number), formore bidders can participate in this open competitive bidding.</p>	
7	<p>Requesting from Sixty (60) Calendar Days from receipt of Notice to Proceed and Job Order to Ninety (90) Calendar Days from receipt of Notice to Proceed and Job Order</p>	<p>Due to immediate need to replace the existing generator set, the contract period is remains at sixty (60) calendar days upon receipt of Notice to Proceed.</p>

Additional Amendment in Section VII. Technical Specifications of the BTD

The word TORQUE was changed to **SPEED** in Item No. 5 under General Requirements

Technical Specifications

[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 Bidder’s 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 applicable laws and issuances.]

Item No.	SPECIFICATION		Statement of Compliance
I	GENERATOR REQUIREMENTS Bidder must submit Brochures.		
1	Rated Capacity	750KVA/ 600KW (min.)	
2	Rated Voltage	480 volts	
3	Frequency	60 Hz	
4	Phase	3 Phase	
5	SPEED	1800 rpm	
6	Genset Type	Open type Genset	
7	Power Factor	0.8 pf	
II	GENSET PACKAGE AND STANDARD ACCESSORIES (Manufacturer’s Specification) Bidder must submit Certification that the following parts are included in the Generator based on the manufacture’s standard.		
1	Heavy duty base frame		
2	Standard air filter		
3	Standard oil filter		
4	Standard Fuel filter		
5	Standard Control panel with shutdown in case of over speed		
6	Mufflers		
7	Flexible exhaust connector		
8	Genset battery compatible with the offered equipment		
9	Battery racks and cables		
10	Rubber isolator mount		
11	Low oil pressure gauge		
12	High engine temperature sensor		
13	Auto start		
14	Standard metering		
III	ELECTRICAL REQUIREMENTS Bidder must submit Brochures except for Busbar/Busduct.		
1	Enclosed Circuit Breaker (ECB)	1200AT, 3P, 480V, 65KAIC, NEMA-1	
2	Automatic Transfer Switch (ATS)	1200AT, 3P, 480V, 65KAIC, NEMA-1	
3	Busbar/Busduct	1500AF, 3P, 480V with Busbar Gutter	
IV	Diesel fuel Transfer Pump with motor and control panel Bidder must submit brochure	3HP, 230V, 1735 RPM ,1P, 60hz or its equivalent rating	

SCOPE OF WORKS	
1	The service provider/ contractor is required to conduct site inspection together with the Building Administration and EFMD Engineer or SSS representative to determine the nature and extent of necessary works, materials, and services and considered as essential and incidental requirement in the implementation of the project.
2	The contractor shall be responsible for the thorough coordination with the concern parties and, secure of all necessary work permits that maybe required of the project.
3	All works shall be properly coordinated with the Building Owner or SSS representative to discuss all phases of the works/ activities.
4	Dismantling and hauling of existing generator set and other equipment's to designated site @ East Triangle Property
5	Temporary removal and re-installation of panel boards and Temporary knockout of fixed walls to give way for the access of genset including restoration works
6	Dismantling of all necessary electrical materials and other existing layout. All dismantled materials shall be turn-over to the assign SSS representative for proper safekeeping.
7	Supply, delivery and Installation of 750KVA/ 600KW
8	Supply, delivery and Installation of 1200AT, 3P, 480V, 65KAIC, NEMA-1 ECB located at power house including all necessary roughing ins, fittings, connectors, lugs boxes, supports, wires, consumable materials and other incidental works and materials to complete the project.
9	Supply, delivery and Installation of Automatic Transfer Switch 1200AT, 480V, 3P at power house intended for data center of four (4) Precision Aircon at DCOD including all necessary roughing ins, fittings, connectors, supports, lugs, boxes, wires, consumable materials to make the system completely functional.
10	Supply, delivery and Installation of exhaust system to fit -in with the existing Genset-house including retrofitting works and all necessary fittings, supports, boxes and other consumable materials to complete the project.
11	Supply, delivery and Installation of 1500AF busbar including busbar gutter, terminal lugs, mechanical lugs, boxes and other necessary items for genset and termination of wires
12	Initial Change oil, cleaning, repainting of fuel tank ,replacement of existing fuel distribution piping's to stainless including necessary fittings, supports, boxes and other consumable materials to make the system completely functional
13	Supply, delivery and Installation of diesel fuel transfer pump with motor , 3HP, 230V, 1735 RPM, 1P 60hz or its equivalent rating complete with necessary piping's, fittings, supports and other consumable materials to make the system completely functional
14	Render incidental materials/services and provide miscellaneous and essential components, parts, accessories including consumable items needed to complete the functionality of the project.
15	All areas affected during implementation of the project by chipping/boring, dismantling works and other related activities shall be restored to original condition at the owner's satisfaction at no additional cost to the SSS.
16	Preparation and submission of shop drawings and blueprint as-built plans in standard size (20inx30in) duly signed and sealed by the Professional Practitioners (Electrical/ Mechanical Engineer) for winning bidder.
17	Trainings of SSS Maintenance personnel's on the newly installed generator set for parameters function and operation including issuance of training certificates
18	Testing and commissioning of electromechanical equipment and facilities. The start-up operation test result of the newly installed generator set shall be submitted to the assigned Project in-Charge/ Engineer.
19	Permits and licenses (installation permit only) All permits and electrical fees required in this work shall be obtained by and at the expense of the contractor.

Price Schedule(s)/Bid Breakdown

Name of
Bidder: _____Invitation to Bid
Number: _____

COST COMPONENT	QTY	UNIT	TOTAL COST
Supply, delivery and installation of 750KVA Generator Set			
Supply and Installation of 750KVA/ 600KW at Standby duty, 480 volts, 60 Hz, 3 phase, 1800 rpm, 0.8 power factor, Open type Genset complete with genset package and standards accessories such as but not limited to Engine/ Alternator/Radiator mounted on a heavy duty base frame, Standard air filter, Standard Oil filter, Standard Fuel filter, Mufflers, Flexible exhaust connector, Starting battery, Battery racks and cables, Rubber isolator mount, Control panel with shutdown in case of over speed, low oil pressure and high engine temperature, auto start and standard metering's including the following;			
1. Temporary removal and re-installation of panel boards to give way for the access of genset including restoration works, dismantling and hauling of existing generator set and other equipment to designated site.			
2. Supply and Installation of exhaust system to fit - in with the existing Genset-house including retrofitting works and all necessary fittings, supports, boxes and other consumable materials to complete the project.			
3. Initial change oil, cleaning, repainting of fuel tank, replacement of existing fuel distribution pipings to stainless including enclosed fill fuel inlet for refilling of diesel tank and other necessary fittings, supports, boxes and consumable materials to make the system functional.	One (1)	lot	₱
4. Supply and installation of diesel fuel transfer pump w/motor for industrial application,, 3HP, 230V, 1735 RPM, 1P, 60hz or its equivalent rating complete with motor control and necessary pipings, fittings, supports and other consumable materials to make the system completely functional.			
5. Supply and Installation of 1500AF busbar, busbar gutter, terminal lugs, mechanical lugs, boxes including supply and installation of wires from Genset to ECB, ECB to ATS (Emergency Side) and ATS to DP via cable tray and other necessary items to make the system completely functional.			
6. Enclosed Circuit Breaker (ECB) 1200AT, 3P, 480V, 65KAIC, NEMA-1.			
7. Automatic Transfer Switch (ATS) 1200AT, 480V, 3P.			
8. Permits and clearances (Installation permit)			

9. Testing, Commissioning, trainings, as-built, shop drawings, product data and samples, operations and maintenance manual including incidental materials/services, miscellaneous and essential components, parts, accessories and consumable item needed to complete the functionality of the project.			
TOTAL BID COST			₱