



## Pre-bid Conference (via Zoom)

### Project No. 2021-18: Construction of Centralized Operating Center

April 14, 2021, 1:30pm

GSCWD Bldg., Boardroom, General Santos City

#### MINUTES OF THE PROCEEDINGS

##### I. Attendance (GSCWD)

###### **Bids and Awards Committee**

Engr. Rogelio A. Besana, Jr.	-	BAC Vice Chairperson
Engr. Cornelio Turija, Jr.	-	BAC Member
Maritess P. Primaylon	-	BAC Member
Agnes P. Tampico	-	BAC Secretariat, Head
Mira Jean G. Fuentes	-	BAC Secretariat
Rauline Kaye F. Autida	-	BAC Secretariat
Engr. Michael Gabales	-	BAC TWG, Head
Judy Lim-Pasman	-	BAC TWG
Engr. Ma. Celia Dandan	-	BAC TWG
Engr. Rolly Gunday	-	BAC TWG

###### **Bidders**

Nonito Caing	-	Reich Builders
Divina Grace Gallego	-	Cememp Construction
James Flores (Via Zoom)	-	Sonfer Construction
Jun L. Mata (Via Zoom)	-	J3 Cube
Mary Joy Japos (Via Zoom)	-	A.L. Acharon

###### **Absent**

Ferdinand S. Ferrer, MPA	-	BAC Chairperson
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##### II. Call to Order

The conference was called to order at 1:30 pm and was presided by the BAC Vice Chairperson, Engr. Rogelio A. Besana, Jr..

BAC Secretary Mira Jean G. Fuentes went over the attendees. Five (5) prospect bidders attended the pre-bid conference, namely: Reich Builders, Cememp Construction, Sonfer Construction, J3 Cube, and A.L. Acharon.

There were no representatives from the Commission on Audit, Kiwanis and PICE who were invited to observe and witness the conduct of the Pre-Bid Conference.

##### III. Highlights of the Proceedings

###### As to the Bidding Process

The Pre-bid Conference was conducted via webcasting (Zoom). BAC Chairperson, Engr. Cornelio Turija, Jr. discussed the following points:

- The Total Approved Budget for the Contract (ABC) is **Two Million Nine Hundred Ninety Seven Thousand Ninety Three & 97/100 Pesos Only (Php 2,997,093.97)**.
- It was discussed to the prospective bidder the two-envelope system and the components for each envelope. The first envelope is Technical Component Envelope & the second is the Financial Component Envelope.



- The following are the components for each envelope:

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**A. TECHNICAL COMPONENT ENVELOPE**

*Class "A" Documents*

- (a) **Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);** or  
Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document, and  
**Note:** In case any of the items are expired (except for Mayor's Permit), bidder must present copy of the renewed certificate; official receipts or any proof of payment shall not be accepted.
- (b) **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. *The sum of all outstanding works shall be reflected; and*
- (c) **Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid,** except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and  
**Note:** ITB Clause 5.2 states, "Similar contract shall refer in **CIVIL WORKS** in any Government or Private Institution from the date of submission and receipt of bids within **5 years**."
- (d) Philippine Contractors' Accreditation Board (PCAB) License  
Size Range – Small B  
License Category C/D
- (e) **The Bid Security** shall be limited to Bid Securing Declaration (must be **notarized**) or at least one (1) other form in accordance with the following amount;
  - Cash (2% of ABC) = Php 59,941.88
  - Cashier's / Manager's Check issued by a Universal or Commercial Bank (2% of ABC) = Php 59,941.88
  - Bank Draft / guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank. (2% of ABC) = Php 59,941.88
  - Surety Bond (5% of ABC) = Php 149,854.70 valid *until* August 28, 2021 and shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments.
- (g) Project Requirements, include:
  - a) Organizational Chart
  - b) List of Contractors Personnel (ref BDS clause 10.4)
  - c) List of Contractors Equipment (ref BDS clause 10.5)
- (h) **Original duly signed Omnibus Sworn Statement (OSS);** and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.  
**Note:** Must be Notarized  
Proforma will be given along with the Bid Document  
Must be filled out properly
- (i) **Audited Financial Statements**  
The prospective bidder's 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 from the date of bid submission.**

(j) **Net Financial Contracting Capacity (NFCC)** computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184.

#### **B. FINANCIAL COMPONENT ENVELOPE**

- 1) Original of duly signed and accomplished Financial Bid Form
  - 2) Original of duly signed Bid prices in the Bill of Quantities
  - 3) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid, and
  - 4) Cash flow by quarter
- Other reminders:
- Bids that exceed the ABC shall not be accepted.
  - Prospective bidders are instructed to provide **one (1) original and two (2) copies** of the documents for each component. The BAC prefers bid documents be identified with ticklers for easy location of file/s to be evaluated during opening of bids.
  - Other bidders can still join the bidding even if they have not attended the Pre-bid Conference.
  - Bid shall be submitted to GSCWD for Opening of Bids on **April 28, 2021 at 12:00nn**; late bids shall be declared "late" and shall not be accepted.
  - After determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated "PASSED".
  - In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC, the BAC shall rate the bid concerned as "FAILED".
  - The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening. Also, this act shall be subject for **ineligibility or disqualification.**

#### **As to ELECTRONIC BID SUBMISSION**

*Based on GPPB Resolution No. 09-2020, dated 7 May 2020*

#### **SUBMISSION AND RECEIPT OF BIDS**

1. **Bidding Documents** must be in **Two (2) password protected compressed archive files** which shall be submitted simultaneously, the **first shall contain the Technical Component (Legal, Technical & Financial Documents)** and the **second shall contain the Financial Component** of the bid. Deadline and submission of bid for **Project No. 2021-18: Construction of Centralized Operating Center** is **April 28, 2021 at 12nn**. Bids shall be emailed at: [gscwdprocurement@yahoo.com](mailto:gscwdprocurement@yahoo.com). Kindly secure confirmation from the recipient.

#### **Note:**

- A. **Please make sure that the files are readable and in pdf format.**
- B. Kindly compress the required documents into one file.
- C. Please use the following format for your electronic bid:  
**[Company name] Technical Component [part 1, part 2 (if applicable)]**  
**[Company name] Financial Component**
- D. Bidders who opt to submit bid documents online shall also submit required hard copies to the General Santos City Water District.

2. **Bidding Documents not in compressed** archive folders and are **not password protected**, shall be **rejected**. However, bid files **not properly compressed** and **password-protected**, as required in the Bidding Documents, shall be **accepted**, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall **assume**



**no responsibility** for the misplacement of the contents of the improperly compressed or password-protected folder, or for its premature opening.

#### **MODIFICATION OF BIDS**

**If a bidder modifies its Bid**, it shall not be allowed to retrieve its original Bid, but shall only be allowed to send another Bid equally secured and properly identified. In the case of electronic submission, to be labeled as a “**modification**,” of the one previously submitted. The time indicated in the latest Bid receipt page generated shall be the official time of submission. Bids submitted after the **deadline shall not be accepted**.

#### **BID OPENING**

The passwords for accessing the **Bidding Documents** will be disclosed by the Bidders only **during the actual bid opening** which may be done in **person or face-to-face through videoconferencing, webcasting or similar technology**.

### **As to the Technical Specifications**

#### **I. SCOPE OF WORK**

The work consists of supply of materials, appurtenances, labor, equipment, tools, power, water and supervision for the completion of the proposed project as shown on plan and technical drawings specified in the scope of work herein.

#### **II. BIDDERS QUALIFICATION**

##### **A. Bidders/Contractors Qualification**

Bidders/Contractors should be fully experienced and reputable in the field of construction.

##### **B. Bidders/Contractors Competence & Experience**

Bidder/Contractors should have at least Two(2) years' experience in civil, structural steel works and had completed at least Two(2) related construction projects in any Government or Private Institutions from the date of submission and receipt of bids.

#### **III. GENERAL CONDITIONS**

##### **A. DEFINITIONS**

##### **1. OWNER**

The word “Owner” refers to the General Santos City Water District.

##### **2. ENGINEER**

The word “Engineer” refers to the individual or firm authorized by the Owner to oversee the execution of the Contract.

##### **3. CONTRACTOR**

The word “Contractor” refers to the party entering into the contract for the performance of the work required.

##### **4. CONTRACT**



The word "Contract" refers to the contract documents and shall include the basic contract entered into by the owner and the contractor for the performance of the work.

5. SPECIFICATION

The word "Specification" refers to the General Conditions, Special Provisions and Technical Specifications of the contract together with all addenda and change orders issued with respect thereto.

6. DRAWINGS

The word "Drawing" or "Contract Drawing" refers to those drawings accompanying the Specification and subsequent approved drawings, which show the location, nature, extent and form of the work together with applicable detail.

7. WORK

The word "Work" refers to the labor, material, equipment, transportation and all incidental costs necessary to complete the Contract.

8. SITE

The word "Site" refers to the lands and other places on, under, in or through which the work is to be executed or carried out and any other lands or places provided by the Owner for the purpose of the Contract.

9. APPROVAL

The word "Approval" refers to concurrence in writing, including subsequent written confirmation of the previous verbal approval.

10. WORKING / CALENDAR DAY

The term "Working Day" refers to working days in the government service.

The term "Calendar Day" refers to the days in a week including Saturdays, Sundays and Holidays.

Whenever the word "Day" is issued, it shall refer to calendar day.

**B. SPECIFICATION, DRAWING AND RELATED AREAS**

**1. SPECIFICATION, DRAWINGS AND DISCREPANCIES**

The intent of the Specifications and Drawings is that the contractor shall furnish all the required plant, labor, materials, equipment and services, unless otherwise specified provided.

The Specifications and Drawings are complementary and what is called for in one shall be as binding as if called for in both.

Any discrepancies, errors or omission found in the Specifications or Drawings shall be reported in writing within three (3) days from the discovery to the Engineer who will issue the correction in writing within the same period. The contractor shall not take advantage of any such discrepancies, errors or omissions but shall comply with the corrective measures regarding the same as prescribed by the Engineer.

In case of conflict between the Specifications and the Drawings, the Specifications shall govern over the Drawings.

**2. SHOP DRAWINGS**



Whenever called for in these Specifications or on the Drawings, or where required by the Engineer, the Contractor shall furnish the Owner for review two (2) prints of each shop drawing.

The term "Shop Drawing" as used herein shall be understood to include detail design calculations, fabrications and installations, drawings, lists, graphs, operating instructions. Shop drawing shall be submitted to the Engineer for review and approval within fifteen (15) calendar days from receipt of the Notice of Award.

All shop drawings submittal shall be accompanied by transmittal form.

## **C. OWNER – ENGINEER – CONTRACTOR RELATIONS**

### **1. ENGINEER AUTHORITY**

The Engineer, acting as the authorized representative of the Owner, will decide such questions which may arise as to the quality and acceptability of materials and equipment furnished, work performed, rate of progress of work, interpretation of Specifications and Drawings, and those relating to the acceptability in fulfillment of the Contract by the Contractor.

The Engineer will, subject to verification and / or approval by the Owner, certify the estimates of the value of the work completed and the materials utilized.

### **2. CONTRACTOR'S EMPLOYEES**

The employees of the Contractor are not employees of the Owner. Hence, the Owner shall not be liable or responsible for any personal injury or damage including death caused by any of the employees of the contractor during the lawful performances of their duties

The contractor shall, at all times, stand solely liable and/or responsible for the enforcement of and compliance with all existing laws, rules and regulations applicable, and the contractor hereby agrees and binds itself to save and hold the Owner free and harmless from any or all liabilities in respect thereto and/or arising therefrom.

The organizational structure chart shall be submitted together with the contractor's bid, subject to checking during post qualification.

### **3. CONTRACTOR'S SUPERINTENDENCE**

A qualified superintendent shall be present in the work and shall provide competent supervision of the work, until its completion. The superintendent shall have full authority to act in behalf of the contractor, and all directions given by the Owner or authorize representative to the superintendent shall be considered given to the contractor.

### **4. SUSPENSION OF WORK**

The Engineer, acting on behalf of the Owner may, by written notice to the Contractor, suspend the work in whole or in part for such period or periods as he may deem necessary, owing to such factors as delay in delivery of Owner furnished equipment or materials, or such other conditions as are considered unfavorable for prosecuting the work, or failure on the part of the Contractor to carry out the provisions of the Contract or to provide materials or workmanship meeting the requirements of the Specification.



## **D. PROGRESS AND PAYMENT**

### **1. MONTHLY PROGRESS REPORT**

The Contractor is required to submit to the Owner two (2) copies of Monthly Progress Report which shall include the following;

- a) Items of work accomplished for the month;
- b) Cumulative summary of work accomplished to date;
- c) Items of work scheduled for the following month.
- d) Project photos for the month.

The first Monthly Progress Report will cover the time from the date when the Notice to Proceed is issued until the end of the following month. Subsequently, monthly reports shall be submitted monthly thereafter until provisional acceptance of the project.

If the Contractor fails to submit Monthly Progress Report, the Owner may withhold approval of progress payment until the reports are received.

### **2. MONTHLY COORDINATION MEETING**

There will be a regular coordination meeting be conducted twice a month to discuss issues and concerns of the project.

The signatory to the Omnibus Sworn Statement who is the duly authorized representative of the winning bidder shall be required to attend the monthly coordination meeting; otherwise, the attendee/representative present during the meeting shall be acknowledged only upon presentation of a duly notarized Special Power of Attorney.

### **3. CONTRACT DURATION**

Contract duration is **NINETY (90) Calendar Days** and shall commence Five (5) Days after the receipt of Notice to proceed.

## **E. BONDS, INSURANCE, LEGAL RESPONSIBILITY AND PUBLIC SAFETY**

### **1. INSPECTION OF PROJECT SITE**

The Contractor shall inspect the site of the work in order to satisfy themselves by personal examination and/or by such other means as they may prefer, of the location of the proposed work and the actual visualization of the work to be done. He should be aware of the conditions which might affect the execution of this contract and has made provisions therefore in his bid.

The Contractor must submit certificate of site inspection upon submission of bid proposal.

### **2. PERMIT AND LICENSES**

The procurement and payment of all necessary permits such as Zoning, Building, Electrical, Mechanical, Plumbing, Sanitary, etc., in the project implementation shall be the responsibility of the Owner.

### **3. LAWS AND REGULATIONS**



The Contractor shall observe and comply National, Provincial and Local laws, ordinances, and regulations, which on the manner affect those engaged or employed on the work, the material used in the work, or in the conduct of the work.

The Contractor shall indemnify and save harmless the Owner against all claims or liabilities arising from violation of any such laws, ordinance, order, or regulation, whether by itself or by its employees.

#### **4. PUBLIC SAFETY AND HEALTH REGULATIONS**

The Contractor shall comply with safe working practices and all health and safety regulations of the state and local health regulations of the state and local health regulatory agency. Furnish protective and lifesaving equipment for persons working at the site and provide a **Contractor's All Risk Insurance** for all his workers.

The Contractor shall provide and maintain such sanitary accommodation for the use of its employees as may be necessary to comply will all application national and local laws and ordinances, regulations, customs and practices.

Should the Contractor fail to faithfully observe the Safety Provisions herein specified, the Owner might exercise remedial rights as stipulated under this Contract.

#### **5. THIRD PARTY LIABILITY**

The Owner shall in no case be held civilly or criminally liable due to the act or omission of the Contractor during the contract period or during the implementation of the required work thereof. Any liability that may arise to the third party shall be the sole responsibility of the contractor.

### **GENERAL TECHNICAL SPECIFICATIONS**

#### **SITE PREPARATION**

Demolition and removal of existing structures, pavement and stockpiles. The area around the proposed project as indicated, specified and shown in the site development plan for each particular site must be cleared of debris and other perishable or objectionable matter.

The location of the building where is to be erected shall be staked out and grade established as shown on drawings and in accordance with the Local Building Code. Contractor shall provide instrument for purposes of establishing, checking, and monitoring of the elevation and plumbness.

#### **EARTH WORKS**

Excavation shall include the removal of materials of whatever nature encountered that would interfere with the proper execution and completion of the work. All excavations shall be carried to the grade of the bottom of the footing or slab or as indicated on technical drawings. After the required excavation has been completed, the exposed surface shall, be scarified to a depth of 150mm (6in) brought to optimum moisture content and rolled with heavy compaction equipment to ninety five percent (95%) of maximum density. Test for compliance may be made at the expense of the contractor, using the test procedure specified in Methods of Test for moisture-Density Relation in soils using a 10-lb. hammer and 18-in. drop. (ASTM) modified to use three (3) layers. All field density test shall be perform in accordance with the test procedure specified in "Methods of test for density of soil in Place by the Sand Cone Method" (ASTM D1556). The materials excavated shall be place as backfill on the footing, etc. and above shall be compacted as described. Others excess will be hauled to a place designated by the Owner.

#### **PROTECTION**





The contractor shall provide adequate bracing and shoring to protect existing structure as may be required. Protective measure for materials and adjoining property shall be provided. The contractor shall be liable for any damages as a cause of his negligence in the execution of his contract work.

## CONCRETE WORKS

Cement shall conform to the "Standard specifications for Portland Cement" (ASTM C-150-Latest Revision) and shall be type I. The cement shall be in accordance with DPWH standards e.g. "Holcim or Hex cement" and shall not be more than three (3) months from date of manufacture.

Aggregates shall be well-graded, clean, hard particles of gravel or crushed rock. The maximum size shall not be larger than one-fifth (1/5) of the narrowest dimension between forms and not larger than three-fourths (3/4) of the minimum clear spacing between individual reinforcing bars and in no case larger than 38 mm. (1-1/2 in.) in diameter except that the larger diameter may be allowed in massive concreting with the written permission from the Owner.

All reinforcing steel bars used shall be of deformed type, new, free from rust, oil, defects, greases or kinks. They shall conform to the latest edition of National Structural Code for Buildings with a minimum grade equal to **275 Mpa** (Grade 40) unless otherwise shown on the plans. Test of this materials, to determine its suitability shall be in accordance with the standards of the American Society for Testing and Materials (ASTM).

An admixture may be added to the concrete to control the set, effect water reduction, and increase workability. The quantity of admixture used and the method of mixing shall be in accordance with the manufacturer's instructions.

The Contractor shall submit design mixes and test results of samples made in accordance with "Standard Method of Making and Curing Concrete Compression and flexure test Specimen in the Laboratory" ( ASTM C-192-Latest Revision )

Concrete strength shall be **3,000 psi (20.68Mpa)** at 28 days to be use for concrete floor, zocalo, columns, beams and foundations. Thickness of the concrete hollow blocks shall be laid with mortar and filler. No hand mixing shall be allowed during concreting operations.

Reinforcement shall be accurately placed and adequately secured by using annealed iron wire ties at intersection and shall be supported by concrete or metal supports, spacers or metal hangers. In slabs, beams and girders, splices or reinforcement at point of maximum stress shall be generally avoided. Splices in adjacent bars shall be generally staggered. Lapping of reinforcement bars shall be 40 bar dia. or a min. of 300 mm or as shown in the drawing and plans. Hooks and bends shall conform to the Standard Engineering practice.

Concrete forms should be water tight, strong enough and rigid to sustain the weight of concrete. Forms should be oiled to make the wood water proof. Oiling of forms should not be done after the steel bars reinforcements have been set to its position.

Pipes, conduits, dowels, and other items required to be imbedded in the concrete construction shall be so positioned and supported prior to placement of concrete. As concrete is placed, it shall be thoroughly settled and compacted through-out the entire depth of the layer. The Concrete shall be carefully worked by tamping, rodding and vibrating to make sure that all air and rock pockets have been eliminated. All concrete shall be cured for not less than fourteen (14) days after placing in accordance with standards.

## TEST OF CONCRETE



- a) The Owner will require Six (6) samples per pouring in preparation for testing on concrete to be made during the progress of the work. Two (2) cylindrical specimens shall be made for each tests on the 7<sup>th</sup>, 14<sup>th</sup>, 28<sup>th</sup>.
- b) The samples must be cured at the jobsite and the contractor shall provide the necessary pond or drum for the said samples. Samples shall be secured and molded in accordance with the "Standard Method of Sampling Fresh Concrete" (ASTM C-172-Latest Revision) and "Standard Method of Making and Curing Test Specimen on the field" (ASTM C-31-Latest Revision). Strength test shall be made in accordance with the "Standard Method of Test For Compressive strength of Cylindrical Concrete Specimens" (ASTM C-39-Latest Revision).  
  
Testing expense and transportation to the laboratory shall be borne by the contractor.
- c) Should the test fail to give the required strength, the Owner shall have the right to order a change in the proportions or in the procedures of curing of the concrete for the rest of structure.

## **MASONRY**

Concrete Hollow Blocks shall be non-load bearing and shall conform to ASTM standards and shall have standard dimensions. The minimum thickness for masonry walls shall be 0.10 m unless otherwise indicated. The minimum size of reinforcement shall be 10 mm in diameter. Vertical reinforcement and horizontal reinforcement shall be as indicated in the plans. Vertical and horizontal reinforcement bars shall be continuous, lapped or spliced. All horizontal and vertical bars as the case maybe, shall be anchored 20 bars diameters into the concrete footings, columns and beams. All horizontal reinforcement shall be tied to the vertical reinforcement at every intersection with No. 16 GI Wire.

## **TILES**

All tiles shall be installed by competent skill men and in accordance with the best practices of tiling. Finished surfaces shall be produced in the true plans, free of damage, scratches, or otherwise faulty tile in all places solidly backed up and firmly secured. All tiling work shall be laid out so that field or pattern is exactly centered on the area to preclude the use of tiles less than full size; do any cutting along edges of area. Joints of uniform standard width and in true alignment shall be maintained throughout; completely fill with grouting or pointing mortar and finish smooth and flush with tile. Cut and drill without marring tile, smooth cut edges with a fine stone. Fit carefully around pipes, outlets and similar items so that cover plates or trim will cover the cut edges. Remove surplus mortar and grout from tile surfaces before these have set.

Ceramic tile for toilet walls shall be white glaze ceramic tile. Caps, inside and outside corners, and other moldings, as required, shall be provided. Ceramic tile for toilet floors and ground floors shall be vitrified unglazed. Portland cement shall be standard brand per ASTM C-150. Tile adhesive and grout shall be of approved brand and quality.

## **STEEL WORKS**

The Contractor shall furnish, fabricate and install metal works as specified herein and as shown in the plans. Miscellaneous metal works is defined as all items required to be fabricated from structural steel shapes, plates, bars and their products. The Contractor shall accomplish the work in a complete and finished manner and insure the highest quality of workmanship in accordance with the plan and specification.

Structural steel shall conform to the "Standard Specifications for Structural Steel" (ASTM Designation A 36). All materials to be provided and used by the Contractor shall be new, previously unused, and in first class condition.

## **TINSMITHRY WORKS**



Complete construction of all tinsmith works including supply of all materials, labor, equipment and supervision necessary to properly conduct and produce the desired work product. Included herein are supply and installation of all roofing, flashing, gutters, down spouts (up to catch basin and canal), sealant, fasteners, and all temporary works and structures necessary for the efficient, smooth and up-to-date completion of the project.

All other items that may not be shown on the plans but are absolutely necessary for the successful completion of the project shall be considered as part of the works and shall be implemented following accepted and best engineering procedures without additional cost to GSCWD.

## **1. ROOFING SYSTEM**

Roofing shall be 0.400 mm thick (base metal) rib-type, pre-painted, long span galvanized iron (G.I.) sheet with a feed width of not more than 0.915m (3 feet).

Roof thermal insulator must also be provided using double sided 10mm Polyethylene (PE) Foam Insulation with gauge 16 tie wire bracing.

Laying of roofing sheets should start from the end opposite the direction of the prevailing wind, overlap the next sheet to the first sheet and fix according to fastening procedures.

Where roofing is to rest on steel purlins, use tekscrew at every rib. In between washer and roof sheet, provide neoprene washer as water seal.

## **2. FLASHING**

All flashing and ridge rolls shall be min. 0.600 mm thick (base metal) plain, factory pre-painted and shape to dimensions indicated in the plans.

Fasten all flashing to the roofing sheets by means of rivets at every 0.30 m to 0.35 m on centers. Apply water-sealant on all rivets. Provide a minimum of 0.30 lapping for all flashing.

### **Carpentry & Lumber Works**

All lumber shall be in good quality of respectable kind for the various part of the construction, well-seasoned, thoroughly dry and free from large, loose or unsound knots saps shakes or other imperfection impairing the strength and durability or appearance. It shall be free from warp that cannot be corrected in the progress of bridging or nailing.

Materials when delivered on site shall be piled properly to insure adequate ventilation and protection from weather. Finished woodwork and paneling shall be free from tool marks, abrasions, and other defects exposed to view. Woodwork shall be properly framed, closely fitted and accurately set to the required lines and levels and shall be rigidly secured in placed.

Lumber shall be treated with preservative of highest quality against rots and termites. All joints shall be done on in mortise and tendon and in approved manner if possible.

All other specifications shall be referred to the approved plan.

### **Hardware**

Rough and finishing hardware shall be provided for the completion of the works. All hardware which are necessary to leave the work complete shall be provided, though same is not herein specifically mentioned.

Locksets shall be of good quality e.g. kwikset to all doors or as specified by the owner. Provide barrel bolts to every door.



All other specifications shall be referred to the approved plan.

### **ALUMINUM SLIDING DOORS, SWING DOORS AND FIXED WINDOWS**

The work covered consists of furnishing all equipment, materials, and labor in the fabrication and installation of aluminum sliding doors, swing doors and fixed windows.

Weather-stripping shall be vinyl and wool pile and shall form a continuous weather seal. They shall be installed snugly in integrally extruded keyways and shall not be loosened nor removed by operating the windows. Weather-stripping for the panels will be one-piece channel shaped gaskets.

Exposed aluminum surfaces shall be powder coated, white. Surfaces shall be completely sealed requiring no further application additional coating or preservatives.

Glass and glazing systems shall be installed complete with all stops, blocks, channels, beads, sealants and glass to form a completely installed watertight installation.

Tinted colored tempered glass shall be heat treated safety glass 6 mm minimum thickness used for interior/exterior window and door wall lines.

Clear tempered glass shall be heat-tempered safety glass and shall not be less than 6 mm thick. This glass type shall be used for interior windows and window wall lines within 0.40 m of floor, entrance doors and door lines.

Glass set with stop glazing shall be set on glazing tape. All voids around perimeter and between glass and stop shall be filled with glazing compound to provide a completely watertight installation. Tape and compound shall be trimmed flush to sight line.

Sealant shall be applied on inside glass surface below glazing bead. Void below vinyl to bottom of glazing reglet shall be filled to maintain weather tight seal.

### **Electrical Works**

All electrical installations shall be in accordance with the latest edition of the Philippine Electrical Code and shall comply with all laws and regulations applicable to the authorities. All wires shall be concealed and all electrical devices shall be of good kind and quality.

Electrical switches, outlets, convenient outlets shall be placed as indicated on the plans and necessary. Electrical fixtures are of highest standard quality.

Supply and installation of all air conditioning units (split type) and its accessories, general lighting fixtures and lamps.

All other specifications shall be referred to the approved plan.

### **Painting**

The metal surfaces shall be clean, dry, and free from mill scale, rust, grease, oil, or any other substance that could affect the quality of the painting. It shall be well puttied and sand papered.

All surfaces to be painted and, before beginning any work, shall be ensure that work of other trade has been left or installed in workmanlike condition to receive paint.



Each coat of paint shall be applied at proper consistency and brushed/rolled evenly, free of brush marks, sags, runs, and with no evidence of poor workmanship. No painting shall be done under conditions of weather, moisture, or temperature unsuited to good work, nor until previous coat is hard and dry.

#### **Architectural and Fenestration**

All architectural and fenestration works and specification shall be referred to the Owner.

### **SPECIAL CONDITIONS**

#### **VARIATION IN QUANTITIES**

Bidders are reminded that the quantities are estimated and are for the purpose of comparing bids. The successful bidder shall complete all work items at the unit prices quoted in his bid, regardless of the variation between bid quantities and actual quantities required for completion of the work. Payment will be based on actual quantities furnished, installed or constructed.

#### **PROJECT TURNOVER**

During project's turn-over, Contractor is required to submit as-built plan. The contractor's deliverables are 100 percent accomplished either on each part and the site restored as is prior to construction.

#### **LOGBOOK**

A logbook shall be maintained by the Contractor and Engineer at all times in the project site reflecting the daily work activity, visitors, time extension, work suspension, change/extra work orders and circumstances affecting the program of work to be signed by both the Engineer and Contractor.

#### **PROJECT SIGNS / COA SIGNBOARD**

The Contractor shall furnish, erect and maintain one (1) project sign and one (1) COA signboard in accordance with the Standard Drawings. The location for the erection of these signs by the Contractor shall be as directed by the Engineer.

#### **EQUIPMENT**

Contractor shall provide the following **minimum** equipment for the project's completion:

<b>Quantity</b>	<b>Description</b>
1	<b>Engine Driven Welding Machine or Transformer Type</b>
1	<b>Bar Cutter</b>
1	<b>One (1) Bagger Mixer</b>
1	<b>Concrete Vibrator</b>
1	<b>Tamping Rammer or Plate Compactor</b>
1	<b>Oxy-Acetylene cutting outfit</b>
1	<b>Power Brush/Grinder</b>
6	<b>Concrete Sample Cylinder</b>

The Contractor shall be required to include the list of their equipment in the technical documents and specify whether the same is leased or owned. If leased, the Contractor shall provide a Memorandum of Agreement.

During post-qualification, GSCWD shall conduct inspection to verify the availability of the listed equipment. Absence of any one of the required equipment is ground for disqualification.

#### **ON-SITE INSPECTION AND TESTING**



All materials furnished and all work performed under the contract shall be subject to inspection by the Owner. The contractor shall be held strictly to the true intent of the Specifications and Drawing in regard to quality of materials, workmanship and diligent execution of the Contract.

Work done in the absence of prescribed inspection may be required to be removed and replaced under the proper inspection; and the entire cost of removal and replacement, including the cost of all materials which may be used in the work shall be borne by the Contractor.

The cost of carrying out the normal inspection and test of material should be at the Contractor's Expense.

### **SPECIAL PROVISION**

#### **LIQUIDATED DAMAGES**

The Contractor shall pay liquidated damages to the Owner if he fails to complete the work within the time agreed upon. It is understood that said payment is not a penalty but a fixed sum representing the liquidated damages for each calendar day of delay.

Computation of the said liquidated damages shall conform to the provision of RA 9184.

#### **PLANS AND SPECIFICATIONS**

All works, that may be called for in the specifications and not shown in the plans or vice versa, shall be executed and finished as if described in both. Should any work required which is not denoted on either plans and specifications either directly or indirectly, it is understood that same shall be implied and required and shall be performed and furnished such materials and layout as fully as if it has been so described. The plans and specifications shall be considered complementary and any details mentioned in one but not in the other, or vice versa, shall be interpreted to be applicable in both.

If no numerical label of the dimension(s) of any part of details appeared on the plan, the drawings shall be carefully followed in accordance to the scale thus indicated, otherwise all numerical data of dimensions of details when so provided must be followed and not the scale of the drawing.

#### **IV. Clarification**

J3 Cube Construction Firm sent a query for the clarification of the following items stated below. Engr. Rolly A. Gunday addressed the following:

- Railing for Disable or PWD – What item do I need to incorporate the said costing?*  
Item M. - Steel Works (Ramp Railing) shall be added in the Bill of Quantities. An Addendum shall be issued for the additional item in the Bill of Quantities.
- Carpentry Works – What are the inclusion of carpentry works? How about the item formworks and scaffoldings?*  
Carpentry Works includes Wall Mounted Monitor Frame. Formworks and Scaffolding has a separate line in the Bill of Quantities.
- Electrical Works - Do I need to include the Main Entrance Supply wires, RSP Pipes and Electrical Post? There is a notation in the plans and design under electrical works that mentioned, "Proposed Electrical Post".*  
Yes. Main Entrance Supply wires, RSP Pipes and Electrical Post should be included.
- In Plumbing works - Do I need to include the Metering or It is not included only the preparation roughing in?*  
Metering is not included in Plumbing Works, only the preparation roughing in.
- About the permit of the building - It was not stipulated If who will process?*  
The Owner, General Santos City Water District, will process the Building Permit of the Centralized Operating Center.



6. *Financial Bid Form, Bid Security Form, Performance Security Form, Sworn Statement, and others are the same as sent to me previously?*

Yes. The forms previously sent to your end are the same forms that will be used for this specific project.

7. *Do the preparation of the said documents same as previous?*

Yes. Preparation of documents for Project 2021-18: Construction of Centralized Operating Center is same as the previous project that J3 Cube Construction Firm has joined. For emphasis, Bid Form or Financial Bid Form shall be placed in the Second Envelope. Misplacement of the documents shall be ground for Ineligibility.

#### V. Addendum


**Item M. - Steel Works (Ramp Railing)** is added in the **Bill of Quantities**.

Revised Bill of Quantities for Project 2021-18: Construction of Centralized Operating Center shall be issued to the bidders.

#### 5.0 Adjournment

There having no other remaining topic to be discussed, the Pre-Bid Conference was adjourned at 3:00pm.

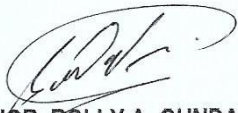
Prepared by:

  
MIRA JEAN G. FUENTES  
BAC Secretary

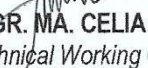
Checked by:

  
AGNES P. TAMPICO  
Head, BAC Secretariat

Reviewed by:

  
ENGR. ROLLY A. GUNDAY  
Technical Working Group

  
ENGR. MICHAEL GABALES  
Head, TWG

  
ENGR. MA. CELIA DANDAN  
Technical Working Group

Attested and approved by:

- absent -  
FERDINAND S. FERRER, MPA  
BAC Chairperson



In conformity with the Bids and Awards Committee:

ENGR. ROGELIO A. BESANA, JR.  
*Vice Chairperson*

ENGR. CORNELIO T. TURIJA, JR.  
*BAC Member*

SAMCELLE B. VALENZUELA  
*BAC Member*

MARITESS P. PERMAYLON  
*BAC Member*