

employee by the owner/bidder (if sole proprietorship) and by the Corporate Secretary or Chairman of the BOD, if a corporation, partnership or joint venture) (Certification attached in the (SPA);

- b) Included in the Organizational Chart for the Contract to be bid;
- c) One of the Contractor's personnel to be assigned to the contract to be bid.

11. Duly signed Construction Schedule and S-curve;
12. Duly signed PERT/CPM;
13. Duly signed Construction Methods in Narrative Form on how the contractor will undertake the works under the contract;
14. Duly signed Manpower Schedule;
15. Duly signed Equipment Utilization Schedule;
16. Duly signed Construction Safety and Health Program (to be approved by DOLE prior to contract signing);
17. Duly signed and notarized Affidavit of Site Inspection. (please refer to **FORM 10: AFFIDAVIT OF SITE INSPECTION**);

Note: For the conduct of Site Inspection, bidders are required to bring their technical personnel. Technical personnel must be a licensed Civil Engineer. Affidavit of Site Inspection must be duly conformed/noted by Dr. Bernardino C. Abundo, Jr., PDISS Director.

10.4

The Bidder's key personnel must meet the required minimum qualification and work experience requirements set below:

<i>Key Personnel</i>	<i>Qualification and Experience</i>
1. Supervising Project Engineer	<ul style="list-style-type: none"> • Registered Civil Engineer; • With at least five (5) years of experience in the construction industry; and • Shall render full time services for this Project until its completion and turn-over.
2. Materials Engineer	<ul style="list-style-type: none"> • DPWH accredited Materials Engineer; • With at least three (3) years of experience as Materials Engineer; and • Shall render services as required for this Project.
3. Electrical Engineer	<ul style="list-style-type: none"> • Registered Electrical Engineer; • With at least three (3) years of experience in the construction industry; and • Shall render services as required for this Project.
4. Mechanical Engineer	<ul style="list-style-type: none"> • Must be a Registered Mechanical Engineer • With at least three (3) years experience; and • Shall render services for this Project
5. Master Plumber	<ul style="list-style-type: none"> • Registered Master Plumber; • With at least three (3) years of experience in the construction industry; and

	<ul style="list-style-type: none"> • Shall render services as required for this Project.
6. Safety & Health Officer	<ul style="list-style-type: none"> • Accredited safety practitioner by the DOLE; • With at least three (3) years of experience as Safety Officer in the construction industry; • Completed Construction Occupational Safety and Health (COSH) Training; and • Shall render full-time services for this Project.
7. Foreman	<ul style="list-style-type: none"> • At least High School Graduate; • With at least three (3) years of experience as Foreman in the construction industry; and • Shall render full-time services for this Project until its completion and turn-over
8. First Aider	<ul style="list-style-type: none"> • Accredited First Aider practitioner by the Red Cross of the Philippines; • With at least 1 year of experience in the construction industry; and • Shall render services for this project.

Each of the Bidder's Key Personnel must be supported by the following documents:

- Accomplished CV or Bio-Data with their complete qualification and work experience data;
- Valid Professional License issued by Professional Regulation Commission (PCR) and if for renewal, submit a copy of the recently expired Professional Identification Card and official receipt as proof of payment for the application for renewal;
- Valid Certificate of Accreditation as Materials Engineer issued by DPWH;
- Certificate of Training on Construction Occupational Safety and Health (COSH) issued by a DOLE accredited training center/agency for the Safety Officer.

NOTE: DESIGNATION OF KEY PERSONNEL TO MORE THAN ONE OF THE ABOVE STATED PROFESSIONS IS NOT ALLOWED EXCEPT FOR MATERIALS ENGINEER.

10.5

The minimum major equipment requirements are the following:

<i>Equipment</i>	<i>Number of Units</i>
Jack Hammer	2
Dump Truck, 12 yd ³	1
Backhoe, 0.8 cu.m.	1
Water Pump, 100mm suction Ø	4
Plate Compactor (5hp)	2
Scaffoldings and Formworks Rental	enough
Various Handtools	enough
Welding Machine (Electric Driven/DC Output)	1
Standby Generator Set, 301-350kW	1
Bar Cutter	1

Bar Bender 42mm	1
Porta Lift	2
Concrete Vibrator	2
One bagger Mixer	2
Screeder	1
TIG Welding Machine w/ Argon Gas (Electric Driven/DC Output)	1

- Failure of the bidder to state a complete technical description of the pledged equipment and the specific location, whether owned, leased or under purchased agreement shall result in the bidder's disqualification

- 11.1 Bidders shall submit the following documents using the prescribed forms;
1. Original of duly signed and accomplished Financial Bid Form (please refer to **FORM 1: BID FORM**);
 2. Original of duly signed Bill of Quantities;
 3. Duly accomplished Detailed Estimates, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid. (Please refer to **BREAKDOWN OF DETAILED ESTIMATES FORMAT**);
 4. Cash Flow by Quarter and Payment Schedule.

NOTE:

BIDS NOT ADDRESSING OR PROVIDING ALL THE REQUIRED ITEMS IN THE BIDDING DOCUMENTS 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 ZERO (0) OR A DASH (-) FOR THE SAID ITEM WOULD MEAN THAT IT IS BEING OFFERED FOR FREE TO THE GOVERNMENT (SECTION 32.2.1.A OF THE 2016 REVISED IRR OF RA 9184).

12 No further instructions.

15.1 The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:

- a. The amount of not less than Seven Hundred Eighty Five Thousand Four Hundred Sixty Nine Pesos and Thirty Four Centavos (Php785,469.34) [Two percent (2%) of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;
- b. The amount of not less than One Million Nine Hundred Sixty Three Thousand Six Hundred Seventy Three Pesos and Thirty Seven Centavos (Php1,963,673.37) [Five percent (5%) of ABC] if bid security is in Surety Bond.

NOTE:

1. THE SURETY COMPANY SHALL NOT BE INCLUDED IN THE GPPB'S NEGATIVE LIST OF INSURERS PURSUANT TO GPPB GUIDELINES FOR THE ESTABLISHMENT OF NEGATIVE LIST OF SURETY AND/OR INSURANCE COMPANIES.