



BID BULLETIN NO. 1

Site Development Works for the NDC Industrial Estate Project Brgy. Langkaan, Dasmariñas, Cavite

Please be advised of the following modifications/addendum and clarifications in relation to the Bid Documents. This shall form an integral part of the bidding documents and shall be included in the Technical Envelope.

A. MODIFICATION / ADDENDUM

1. Detailed Financial Bid Form

- a. Column headings of the Detailed Financial Bid Form (DFBR) shall be corrected as follows:
 - 1) Formula on Column (10) shall be changed from **(5)x(8)** to **(6)x(9)**.
 - 2) Column (14) shall be added to determine the Unit Cost for each line item of work.
- b. The percentage of OCM shall be changed from **6%** to **8%** based on the latest DPWH guidelines for the preparation of Approved Budget for the Contract (ABC).

Please refer to the revised Detailed Financial Bid Form attached as **Annex A**.

2. Minimum Equipment Requirement (Item 12.1(b)(ii.3) of the Bid Data Sheet)

The Bidder shall submit list of major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, which must meet the minimum requirements for the contract as follows:

Plant/Equipment	Required Units	Capacity (min.)
1. Bulldozer with Ripper	2	138 kW/185 Hp
2. Motor Grader	1	93 kW/125 Hp
3. Wheel Loader	1	3 cu.m
4. Dump Truck	3	10 cu.m
5. Vibratory Roller	1	10 ton
6. Plate Compactor	2	5 Hp
7. Backhoe	1	0.80 cu.m
8. Truck Mounted Crane	1	15 ton

9. Batching Plant	c/o ready mix plant	
10. Concrete Mixer	c/o ready mix plant	
11. Pumpcrete	c/o ready mix plant	
12. Concrete Bagger Mixer	2	1 Bagger
13. Concrete Vibrator	2	45-60 mm dia
14. Welding Machine	1	500 Amp
15. Bar Cutter	1	25 mm dia.
16. Water Truck with Sprinkler	1	15 Cu. M.
17. Cutting Outfit	1	

Laboratory Equipment

All materials testing shall be done by a third party laboratory accredited by DPWH.

The List of Contractor's Equipment Pledged to the Contract Form is attached hereto as **Annex B**.

3. Eligibility Documents of Subcontractors

If the Bidder will opt to disclose the name of its Subcontractor/s during the bid submission, the Bidder shall include the required documents under **ITB Clause 12** of the Bidding Documents and proof of compliance to the eligibility criteria specified in **Clause 8.2 of the BDS**. However, if the Bidder will opt to identify the Subcontractor/s during the contract implementation, the same aforementioned requirements shall be submitted to NDC for evaluation and approval. In the event that any subcontractor is found by NDC to be ineligible, the subcontracting of such portion of the Works shall be disallowed.

4. Checklist of Requirements

On *Page 149 Item A.6*. "General Building" shall be changed to "General Engineering" classification

5. Site Inspection

The Minutes of Site Inspection is attached hereto as **Annex C**.

B. CLARIFICATION ON THE QUERIES RAISED BY C.T. CONSIGNA CONSTRUCTION, INC.

1. Electrical

Query: "May we clarify if the Unit of Pipes on BOQ means the length/pcs of the item?"

F.2.7	Conduits		
	75mmØ IMC	1.00	Lot
	75mmØ PVC	3.00	Lot
	40mmØ PVC	3.00	Lot
	25mmØ PVC	2.00	Lot
	20mmØ PVC	20.00	Lot

Answer: The Unit of Conduits in the BOQ/DFBF is lineal meter (lm). Subsequently, the Unit of Conduits in Items F.2.7 and I.2.7 shall be changed to lm.

2. Plumbing

Queries:

- "What kind of Valve Assembly you need?"
- "What diameter do you require in the valve assembly and valve box?"

Answer: Refer to Drawing Sheets No. F-2, F-5 and F-6 and revise item D.2 of the BOQ/DFBF as follows:

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT
D.2	Valve Assembly and Valve Box	34.00	set
D.2.1	Service Connection, 100 mm dia. Gate Valve	18.00	set
D.2.2	Service Connection, 50 mm dia. Gate Valve	2.00	set
D.2.3	Isolation Valve, 200 mm dia. Gate Valve	4.00	set
D.2.4	Air Vacuum Relief Valve, 200 mm dia. Pipe, 3/32" Orifice, 14 cfm Capacity	1.00	set
D.2.5	Blow-off Valve, 200 mm dia.	1.00	set
D.2.6	Fire Hydrant directly buried Gate Valve, 150 mm dia.	8.00	set

Attach hereto as **Annex A** is the revised Detailed Financial Bid Form reflecting answers to above queries. (The revisions are in RED font)

3. Item M (Perimeter Fence)

Query: "We would like to clarify the unit of item M.3 if it is as stated in the BOQ as cu.m. or is it lm. (Please see attached snapshot.) Also, we weren't able to locate retaining wall from sheet K-1, may we have the corresponding location of the retaining wall so that we can identify how long is 6m, 5m, 4m, 3m and 2m height.

Answer: The location of retaining wall was encircled in drawing Sheet K-1, side of Block 1 Lot 2 showing target detail drawing Sheet G-7 (this should be Sheet K-3). The 413.56 cu.m. is the total volume for retaining wall., section and table of which is shown in Sheet K-3 with reinforcement table for different heights. The contractor will be the one to identify the actual height to consider on some areas based on the actual site condition. The Contractor will be paid based on the actual volume.

4. UNIT PRICE ANALYSIS

Query: "We would like to kindly ask what will we fill up in the "Assumed Production" and "Total Production" indicated in the table."

Answer: Please refer to attached sample Unit Price attached hereto as **Annex D**

5. SEWAGE TREATMENT PLANT

Query: "Can you provide us list of Industrial waste that could possibly enter to our STP?" *requirement of our subcontractor for STP*

Answer: The 800 cu.m/day STP will cater to domestic sewage only. Each locator with industrial waste shall treat its waste prior to discharge to the common STP.

This **BID BULLETIN No. 1** is issued this 15th day of March 2019 for guidance and information of all concerned.


AGM LILIA L. ARCE
Chairperson
Bids and Awards Committee

Detailed Financial Bid Form

Annex A

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(13)
1.	General Requirements												
PART A	Facilities for the Engineer (see Specs Vol. II)												
A.1.1-1	a. Temporary Field Office & Living Quarters (Rental)	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
	b. Furnitures, Fixtures, Equipment & Appliances for Field Office & Living Quarters												
	b.1 Schedule A.1	1.00	LS	-	-	-	8.00	8.00	-	-	-	-	-
	b.2 Schedule A.2	1.00	LS	-	-	-	8.00	8.00	-	-	-	-	-
	b.3 Schedule B	1.00	LS	-	-	-	8.00	8.00	-	-	-	-	-
	c. Operate and Maintain Engineer's Field Office												
	c.1 Schedule E-a Ofc supplies to be provided on 1st mo. only	1.00	LS	-	-	-	8.00	8.00	-	-	-	-	-
	c.2 Schedule E-b Ofc supplies (monthly)	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.1-2	Laboratory Testing	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.1-3	Provision of Telephone Service												
	a. Telephone line with DSL	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.1-4	Provision of Communication Service												
	a. Smart Cellular Phone, mid-range, prepaid (to be provided on 1st month)	6.00	units	-	-	-	8.00	8.00	-	-	-	-	-
	b. Prepaid Load, PHP 500/mo/phone	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.1-6	Maintenance of Office & Living Quarters												
	a. Schedule D	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.2	Provide, Operate & Maintain Service Vehicle for the Engineer	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
A.1.4	Reports / Progress Photographs (Prints & e-file)	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
PART B	Other General Requirements												
B.1	Mobilization / Demobilization (1% of EDC)	1.00	LS	-	-	-	-	-	-	-	-	-	-
B.2	Project Sign Board, 1.2m x 2.4m	2.00	each	-	-	-	8.00	8.00	-	-	-	-	-
B.3	Construction Health and Safety	18.00	month	-	-	-	8.00	8.00	-	-	-	-	-
	- PPE to be provided on 1st month only	1.00	LS	-	-	-	8.00	8.00	-	-	-	-	-
B.4	Development Permit	1.00	LS	1,630,070.50	1,630,070.50	-	8.00	8.00	130,405.64	88,023.81	218,429.45	1,848,499.95	1,848,499.95
	Sub-total for General Requirements												
A.	Site Preparation												
A.1	Site Clearing	114,973.47	sq.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
A.2	Site Grading	114,973.47	sq.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
A.3	Excavation	49,746.60	cu.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
A.4	Embankment (Native)	49,345.96	cu.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
A.5	Surplus Excavation	400.64	cu.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
	Sub-total for Site Preparation												
B.	Road Works												
B.1	Aggregate Subbase Course	1,983.08	cu.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
B.2	Crushed Aggregate Base Course	1,780.49	cu.m.	-	-	-	8.00	8.00	16.00	-	-	-	-
B.3	Portland Cement Concrete Pavement, 230mm thk.	8,181.36	sq.m.	-	-	-	8.00	8.00	16.00	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
B.4	Portland Cement Concrete Pavement, 100mm thk.	3,537.80	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
B.5	Concrete Curb and Gutter	2,358.53	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-total for Roadworks				-							-	
C.	Drainage System												
C.1	Pipe Drain Excavation	4,984.29	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2	Reinforced Concrete Pipe Culvert (including Sand Bedding)									-			
C.2.1	460 mm diameter	184.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.2	610 mm diameter	180.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.3	760 mm diameter	156.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.4	910 mm diameter	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.5	1070 mm diameter	120.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.6	1220 mm diameter	120.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.7	1520 mm diameter	145.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.2.8	1370 mm diameter	170.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.3	Underdrain 200mm diameter	422.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.4	Catch Basin(Roads)	21.00	no.		-	8.00	8.00	16.00	-	-	-	-	-
C.5	Manholes												
C.5.1	610mm dia - 760mm dia	3.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.2	760mm dia - 910mm dia	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.3	910mm dia - 1070mm dia	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.4	1070mm dia - 1220mm dia	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.5	1220mm dia - 1520mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.6	610mm dia - 610mm dia	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.7	760mm dia - 760mm dia	3.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.8	610mm dia - 910mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.9	1220mm dia - 1220mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.10	1520mm dia - 1520mm dia	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.11	1370mm dia - 1520mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.12	1370mm dia - 1370mm dia	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.13	1220mm dia - 1370mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.14	1070mm dia - 1070mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.5.14	910mm dia - 910mm dia	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
C.6	Concrete U-Ditch, (0.50m x 0.50m)	220.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.7	Concrete U-Ditch with cover, (0.50m x 0.50m)	32.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.8	Drop Chute Outfall												
C.8.1	Excavation	1,895.50	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.8.2	Structural Concrete	320.87	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
C.8.3	Reinforcing Steel	19,945.47	kg.		-	8.00	8.00	16.00	-	-	-	-	-
C.8.4	Lean Concrete	118.19	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.	Water Supply and Fire Protection System												

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						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
D.1	Pipelines												
D.1.1	Pipe Excavation	1,371.16	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.1.3	Embankment(Native)	329.08	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.1.4	200mm dia. PVC Pipe	1,269.16	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.1.5	100mm dia. PVC Pipe	78.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.1.6	50mm dia. PVC Pipe	24.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
D.2	Valve Assembly and Valve Box												
D.2.1	Service Connection, 100 mm dia. Gate Valve	18.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.2.2	Service Connection, 50 mm dia. Gate Valve	2.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.2.3	Isolation Valve, 200 mm dia. Gate Valve	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.2.4	Air Relief Valve, 200 mm dia., 200 mm dia. Pipe, 3/32" Orifice, 14 cfm Capacity	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.2.5	Blow-off Valve, 200 mm dia.	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.2.6	Fire Hydrant directly buried Gate Valve, 150 mm dia.	8.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.3	Fire Hydrant assembly	8.00	set		-	8.00	8.00	16.00	-	-	-	-	-
D.4	Mother Meter assembly, 200 mm dia.	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-total for Water Supply and Fire Protection				-							-	
E.	Administration Building												
E.1	Earthworks												
E.1.1	Site Grading	204.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.1.2	Soil Poisoning	204.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.1.3	Structural Excavation	374.92	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.1.4	Structural Backfill	306.30	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.1.5	Foundation Fill	19.63	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2	Structural and Architectural												
E.2.1	Reinforcing Steel	5,000.30	kg.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.2	Structural Concrete	45.65	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.3	Outer Wall (Including CHB, Reinforcing Steel and Plaster)	186.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.4	Inner Wall (Including CHB, Reinforcing Steel and Plaster)	102.67	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.5	Structural Steel	8,821.03	kg.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.6	Sag Rod 10mm Ø	61.04	kg.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.7	Cross Bracing	212.35	kg.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.8	Turn Buckle	28.00	each		-	8.00	8.00	16.00	-	-	-	-	-
E.2.9	3mm thk. Solid Polycarbonated	11.52	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.10	Pre-Painted Long Span G.I. .50mm thk	212.83	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.11	Aluminum Foil Insulation	212.83	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.12	12mm thk. Gypsum board on galvanized light metal furring with recessed(Painted)	70.88	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.13	600mm x 600mm (nominal Acoustic Board Ceiling on white T-runner	74.16	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.14	2mm thk. Spandrell Ceiling	58.17	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-

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						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
E.2.15	Gutter	24.80	m		-	8.00	8.00	16.00	-	-	-	-	-
E.2.16	Ridgeroll	12.40	m		-	8.00	8.00	16.00	-	-	-	-	-
E.2.17	0.60m x 0.60m Non-Staining Homogenous Tile	142.05	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.18	0.30m x 0.30m Vitrified Ceramic Floor Tiles	8.40	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.19	Non-skid floor tiles 0.30m x 0.30m	4.95	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.20	0.30m x 0.30m vitrified ceramic tiles to 2.10m ht. on CHB wall w/ PVC tile trim	38.64	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.2.21	2-Panel Solid core Swing Door (800mm x 2100mm)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.22	Wooden Panel Door Painted (900mm x 2100mm)	5.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.23	PVC Swing Door w/ Louver (700mm x 2100mm)	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.24	Sliding w/ Fixed Windows Opening(2.0m x 2.10m) 1/4" thk clear glass on powder coated aluminum frame	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.25	Sliding w/ Fixed Windows Opening(1.50m x 1.60m) 1/4" thk clear glass on powder coated aluminum frame	9.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.26	Sliding w/ Fixed Windows Opening(1.80m x 1.60m) 1/4" thk clear glass on powder coated aluminum frame	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.2.27	Sliding w/ Fixed Windows Opening(0.50m x 0.60m) 1/4" thk clear glass on powder coated aluminum frame	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.3	Plumbing Works												
E.3.1	150mm dia. PVC Pipe (Series 1000)	44.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.2	100mm dia. PVC Pipe (Series 1000)	37.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.3	75mm dia. PVC Pipe (Series 1000)	11.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.4	50mm dia. PVC Pipe (Series 1000)	64.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.5	19mm dia. PPR Pipe	34.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.6	13mm dia. PPR Pipe	8.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.3.7	Catch Basin	8.00	each		-	8.00	8.00	16.00	-	-	-	-	-
E.3.8	One-Piece Type Water Closet complete w/ Fittings & Accessories	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.3.9	Wall-hung Lavatory, complete with Fittings and Accessories	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.3.10	Kitchen Sink	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4	Electrical												
E.4.1	Supply and installed complete motor control panel with enclosure surface mounted												
	MCP-AD (Motor Control Panel)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	MAIN: 300AT/400AF 3P, MCCB												
	BRANCHES: 1-300AT/ 400AF, 3P, MCCB												
	1-100AT/225AF, 3P, MCCB												
	2- 30AT/50AF, 3P, MCCB												
E.4.2	MTS-Manual transfer switch, 150AMP ,Lugs only, with mech'l interlock. (Fire Pump House)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.3	Step-down Transformer, 30KVA, 460/230V., 3PH. Dry type	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.4	Fire pump motor , 50HP, 460V, 3PH. 1800 RPM	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
E.4.5	Transformer disconnect complete with enclosure surface mounted MAIN: 1-200AT/225AF 3P, MCCB BRANCHES: 1-30AT/ 50AF, 2P, MCCB 1-150AT/225AF, 3P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.6	LP-A (Administration Building) MAIN: 1-150AT/225AF 3P, MCCB BRANCHES: 3-15AT/ 50AF, 2P, MCCB 7-20AT/50AF, 2P, MCCB 6-30AT/50AF, 2P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.7	NSP (Network Server Panel)	1.00	Lot		-	8.00	8.00	16.00	-	-	-	-	-
E.4.8	Supply and install lighting fixtures complete with enclosure 5W LED Pinlight bright white 6W LED Bulb in 4" dia. Porcelain in socket 20W, LED Roadway luminaire in 5m high lamp pole	 25.00 8.00 3.00	 set set set		 - - -	 8.00 8.00 8.00	 8.00 8.00 8.00	 16.00 16.00 16.00	 - - -	 - - -	 - - -	 - - -	 - - -
E.4.9	Supply and install complete wiring devices, 230V C.O Duplex Type Single gang Switch (S1) Two ganged switch (S2) Three ganged switch (S3) Three way switch	 23.00 6.00 2.00 2.00 4.00	 set set set set set		 - - - - -	 8.00 8.00 8.00 8.00 8.00	 8.00 8.00 8.00 8.00 8.00	 16.00 16.00 16.00 16.00 16.00	 - - - - -	 - - - - -	 - - - - -	 - - - - -	 - - - - -
E.4.10	Supply and install complete window type aircon, 230V, 1phase ACU- 2 HP, drip proof type ACU- 1.5 HP, drip proof type	 5.00 1.00	 set set		 - -	 8.00 8.00	 8.00 8.00	 16.00 16.00	 - -	 - -	 - -	 - -	 - -
E.4.11	Supply and install wires and cables, type THHN, 600V. 3.5mm2 THHN 5.5mm2 THHN 14mm2 THHN 38mm2 THHN	 990.00 180.00 80.00 150.00	 l.m. l.m. l.m. l.m.		 - - - -	 8.00 8.00 8.00 8.00	 8.00 8.00 8.00 8.00	 16.00 16.00 16.00 16.00	 - - - -	 - - - -	 - - - -	 - - - -	 - - - -
E.4.12	Supply and install PVC, IMC, conduits. 20mmØ PVC 25mmØ PVC 40mmØ PVC 40mmØ IMC	 495.00 90.00 90.00 12.00	 l.m. l.m. l.m. l.m.		 - - - -	 8.00 8.00 8.00 8.00	 8.00 8.00 8.00 8.00	 16.00 16.00 16.00 16.00	 - - - -	 - - - -	 - - - -	 - - - -	 - - - -

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
 Location: Dasmariñas, Cavite
 Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
E.4.13	Supply and install complete grounding system												
	20mmØ X 3000mm long copper clad ground rod	4.00	pcs		-	8.00	8.00	16.00	-	-	-	-	-
	60mm2 bare copper wire	60.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Exothermic weld	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
E.4.14	Supply and install lighting fixtures complete with enclosure (Fire Pump and Guardhouse)												
	9W LED Pinlight bright white	5.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.15	Supply and install complete wiring devices, 250V (Fire Pump and Guardhouse)												
	C.O Duplex Type	5.00	set			8.00	8.00	16.00	-	-	-	-	-
	Singlr gang Switch (S1)	2.00	set			8.00	8.00	16.00	-	-	-	-	-
	Two ganged switch (S2)	2.00	set			8.00	8.00	16.00	-	-	-	-	-
E.4.17	Supply and install wires and cables, type THHN, 600V.												
	3.5mm2 THHN	450.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	5.5mm2 THHN	300.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	14mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	22mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	38mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	50mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
E.4.18	Supply and install PVC, IMC, conduits.												
	20mmØ PVC	180.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	25mmØ PVC	90.00	l.m.										
	50mmØ PVC	70.00	l.m.										
E.4.19	Supply and install complete as per drawing, Service entrance pedestal	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.20	Supply and install complete standby deisel engine generator												
	100KVA, 460V, Three-phase, 60Hz.,sound proof type, complte with MTS.	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
E.4.21	Supply and install complete grounding system												
	20mmØ X 3000mm long copper clad ground rod	10.00	pcs		-	8.00	8.00	16.00	-	-	-	-	-
	60mm2 isulated green copper wire	60.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Exothermic weld	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
E.4.22	Miscellaneous (Fire Pump and Guardhouse)	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	Sub-total for Administrative Building				-							-	
F.	Deepwell House # 5												
F.1	Mechanical Works												
F.1.1	Pipelines												
	150 mm dia. Steel pipe	25.40	lm		-	8.00	8.00	16.00	-	-	-	-	-
	50 mm dia. G.I. Pipe Sched. 40	5.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. G.I. Pipe Sched. 40	2.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
F.1.2	Fittings												
	150 mm dia. X 45 deg elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Adapter	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Dresser Coupling	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. X 150 mm dia. Tee	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. X 90 deg Elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	50 mm dia. X 90 deg Elbow	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. X 90 deg Elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Tee	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
F.1.3	Valves												
	150 mm dia. Gate Valve	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Check Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Gate Valve	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Check Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Air Release Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Flowmeter Switch Assy.	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
F.1.4	Pressure Guage/Pressure Switch Assy.	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.1.5	Supply & Installation of Submersible Pump with 30 Hp Motor and Accesories	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
F.1.6	Supply & Installation of Chlorinating Equipment	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Mechanical Works				-							-	
F.2	Electrical												
F.2.1	Motor control Panel Main: 400AT/ 600AF, 3P, MCCB BRS: 1-250AT/400AF, 3P , MCCB 1-60AT/ 100AF, 3P, MCCB 1-30AT/50AF, 3P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	1-20AT/50AF, 3P, MCCB Complete with metering and indicating lamps. Enclosure shall be surface mounted , with padlock provision												
F.2.2	Lightning Panel. LP-A Main: 60AT/100AF, 2P, MCCB BRS: 1-15AT/50AF, 2P, MCCB 3-20AT/50AF, 2P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.3	Service entrance pedestal disconnect: 500AT/ 600AF, 3P, MCCB with NEMA 3R enclosure	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.4	Manual transfer switch, with Mechanical & Electrical Interlock 400AT/ 600AF, 3P, MCCB. Complete with indicating lamps	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.5	Lighting Fixtures and Devices												
F.2.5.1	2x8W LED Flourescent lamp in 600x600mm enclosure similar to TROFFER type, surface mounted	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.5.2	10W LED Lamp Bulb in Porcelain socket 4in. Dia. Surface mounted	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.5.3	Convenience Outlets Duplex type, similar to Clipsal Schnieder Electric Devices. Complete with plate and cover	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.5.4	Light and Switch Three (3) Ganged, similar to Clipsal Schnieder Electric Devices. Complete with plate and cover	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.5.5	Light and Switch Three (2) Ganged, similar to Clipsal Schnieder Electric Devices. Complete with plate and cover	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
F.2.6	Wires and Cables												
	80 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	38 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	22 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	14 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	5.5 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	3.5 mm2 THHN, 600V COPPER	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
F.2.7	Conduits												
	75mmØ IMC	1.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
	75mmØ PVC	3.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
	40mmØ PVC	3.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
	25mmØ PVC	2.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
	20mmØ PVC	20.00	lm		-	8.00	8.00	16.00	-	-	-	-	-
H.2.8	Grounding System												
	20mmØ x 300mm Long Copperclad Ground Rod	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	14mm2 Green Insulator, Copper	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	Ground Rod Pressurized Connectors	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Electrical Works				-							-	
	Sub-total for Deepwell #5				-							-	
I.	Deepwell House # 7												
I.1	Mechanical Works												
I.1.1	Pipelines												
	150 mm dia. Steel pipe	13.40	1m		-	8.00	8.00	16.00	-	-	-	-	-
	50 mm dia. G.I. Pipe Sched. 40	5.00	1m		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. G.I. Pipe Sched. 40	2.00	1m		-	8.00	8.00	16.00	-	-	-	-	-
I.1.2	Fittings												
	150 mm dia. X 45 deg elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Adapter	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Dresser Coupling	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	1500 mm dia. X 150 mm dia. Tee	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. X 90 deg Elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	50 mm dia. X 90 deg Elbow	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. X 90 deg Elbow	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Tee	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
I.1.3	Valves												
	150 mm dia. Gate Valve	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Check Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Gate Valve	2.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Check Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	25 mm dia. Air Release Valve	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	150 mm dia. Flowmeter Switch Assy.	1.00	each		-	8.00	8.00	16.00	-	-	-	-	-
I.1.4	Pressure Guage/Pressure Switch Assy.	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
I.1.5	Supply & Installation of Submersible Pump with 30 Hp Motor and Accesories	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
I.1.6	Supply & Installation of Chlorinating Equipment	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Mechanical Works				-							-	
I.2	Electrical												
I.2.1	Motor control Panel	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Main: 400AT/ 600AF, 3P, MCCB												
	BRS: 1-250AT/400AF, 3P , MCCB												
	1-60AT/ 100AF, 3P, MCCB												

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

[illegible]

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	20mmØ x 300mm Long Copperclad Ground Rod	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	14mm2 Green Insulator, Copper	1.00	Roll		-	8.00	8.00	16.00	-	-	-	-	-
	Ground Rod Pressurized Connectors	4.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Electrical Works				-							-	
	Sub-total for Deepwell #5				-							-	
J.	Workshop Building												
J.1	Earthworks												
	Site Grading	120.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Soil Poisoning	120.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Structural Excavation	207.70	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Structural Backfill	197.66	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Foundation Fill	17.89	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
J.2	Structural and Architectural												
	Reinforcing Steel	3,508.88	kg.		-	8.00	8.00	16.00	-	-	-	-	-
	Structural Concrete	24.89	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Outer Wall (Including CHB, Reinforcing Steel and Plaster)	118.80	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Structural Steel	5,242.78	kg.		-	8.00	8.00	16.00	-	-	-	-	-
	Sag Rod 10mm Ø	25.78	kg.		-	8.00	8.00	16.00	-	-	-	-	-
	Cross Bracing	64.15	kg.		-	8.00	8.00	16.00	-	-	-	-	-
	Turn Buckle	8.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	3mm thk. Solid Polycarbonated	11.52	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Pre-Painted Long Span G.I. .50mm thk	125.57	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Aluminum Foil Insulation	125.57	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	12mm thk. Gypsum board on galvanized light metal furring with recessed(Painted)	80.00	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	2mm thk. Spandrell Ceiling	45.56	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Gutter	20.50	m		-	8.00	8.00	16.00	-	-	-	-	-
	Ridgeroll	10.25	m		-	8.00	8.00	16.00	-	-	-	-	-
	2-Panel Solid core Swing Door (800mm x 2100mm)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Sliding w/ Fixed Windows Opening(2.0m x 2.10m) 1/4" thk clear glass on powder coated aluminum frame	9.00	set		-	8.00	8.00	16.00	-	-	-	-	-
J.3	Plumbing												
	150mm dia. PVC Pipe (Series 1000)	44.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	50mm dia. PVC Pipe (Series 1000)	26.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Catch Basin	8.00	each		-	8.00	8.00	16.00	-	-	-	-	-
J.4	Electrical												
J.4.1	Supply and installed complete lighting panel w/ enclosure flush mounted												

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	LP-A MAIN: 150AT/ 225AF 2P, MCCB BRANCHES: 3-15AT/ 50AF, 2P, MCCB 7- 20AT/50AF, 2P, MCCB 6- 30AT/50AF, 2P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	LP-B MAIN: 125AT/ 225AF 2P, MCCB BRANCHES: 7-20AT/ 50AF, 2P, MCCB 5- 30AT/50AF, 2P, MCCB	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	NSP (Network Server Panel)	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
J.4.2	Supply and installed lighting fixtures complete with enclosure												
	5W LED Pinlight bright white	25.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	6W LED Bulb in 4" dia. Porcelain in socket	8.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	20W, LED Roadway luminaire in 5m high lamp pole	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
J.4.3	Supply and Installed complete wiring devices, 230V												
	C.O Duplex Type	23.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Single gang Switch (S1)	6.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Two ganged switch (S2)	2.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Three ganged switch (S3)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Three way switch	4.00	set		-	8.00	8.00	16.00	-	-	-	-	-
J.4.4	Supply and installed complete window type aircon, 230V, 1phase												
	ACU- 2 HP, drip proof type	5.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	ACU- 1.5 HP,drip proof type	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
J.4.5	Supply and installed wires and cables, type THHN, 600V.												
	3.5mm2 THHN	990.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	5.5mm2 THHN	180.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	14mm2 THHN	80.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	38mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
J.4.6	Supply and installed PVC, IMC, conduits.												
	20mmØ PVC	495.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	25mmØ PVC	90.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	40mmØ PVC	90.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	40mmØ IMC	12.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
J.4.7	Supply and Installed complete service entrance pedestal	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmarinas, Cavite
Subject: DETAILED FINANCIAL BID

[illegible]

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
	6W LED Bulb in 4" dia. Porcelain in socket	22.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Exhaust fan,230V, 300W, Ceiling Mounted	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	20W, LED Roadway luminaire in 5m high lamp pole	5.00	set		-	8.00	8.00	16.00	-	-	-	-	-
L.3	Supply and Installed complete wiring devices, 230V												
	C.O Duplex Type	7.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Singlr gang Switch (S1)	2.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Two ganged switch (S2)	3.00	set		-	8.00	8.00	16.00	-	-	-	-	-
L.4	Supply and installed wires and cables, type THHN, 600V.												
	3.5mm2 THHN	480.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	8mm2 THHN	60.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	22mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	30mm2 THHN	40.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	50mm2 THHN	80.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	150mm2 THHN	150.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	250mm2 THHN	240.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
L.5	Supply and installed PVC, IMC, conduits.												
	20mmØ PVC	240.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	32mmØ PVC	90.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	75mmØ PVC	90.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	90mmØ IMC	60.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
L.6	Supply and Installed complete service entrance pedestal	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
L.7	Supply and installed complete stand-by diesel engine generator												
	200KVA, 230V, Three phase, 60Hz, sound proof type	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
L.7.1	Manual Transfer Switch (MTS)	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
L.8	Supply and install complete grounding system												
	20mmØ X 3000mm long copper clad ground rod	4.00	pcs		-	8.00	8.00	16.00	-	-	-	-	-
	30mm2 bare copper wire	30.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	50mm2 bare copper wire	60.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Exothermic weld	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
L.9	Miscellaneous	1.00	lot		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Electrical Works				-							-	
M.	Perimeter Fence												
M.1	Perimeter Fence CHB with 4-layer barbed wire	1,144.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
M.2	Perimeter Fence CHB with 4-layer barbed wire with 2.0m cylone wire	600.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
M.3	Concrete Retaining wall	413.56	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
M.4	Chain Link Fence	47.00	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Perimeter Fence				-							-	
N.	Sewer Line												
N.1	HDPE Pipe 150mm Ø	650.31	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
N.2	HDPE Pipe 200mm Ø	397.60	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
N.3	HDPE Pipe 250mm Ø	89.02	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
N.6	Reinforcing Steel	7,014.59	kg.		-	8.00	8.00	16.00	-	-	-	-	-
N.7	Lean Concrete	7.36	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
N.8	Manhole Cover	19.00	each		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Sewer Line				-							-	
O.	Sanitary Treatment Plant												
O.1	Excavation	736.00	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
O.2	Structural Backfill	41.77	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
O.3	Equipment and accessories												
	Phase 1	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Phase 2	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
O.4	Structural Concrete	520.72	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
O.5	Reinforcing Steel	54,675.81	kg.		-	8.00	8.00	16.00	-	-	-	-	-
O.6	Lean Concrete	57.16	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
O.7	Generator Set 70KVA, 460v, 3 Phase, 60 Hz, Soundproof, with Automatic Transfer Switch 150A, 3-pole lugs with mechanical interlock, main feeder 3-38mm@ THHN & 1-14mm@ THHN in 40mm dia PVC Conduits	1.00	set		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Sanitary Treatment Plant				-							-	
P.	Slope Protection												
P.1	Coconet fiber with vetiver grass	3500	sq.m.		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Slope Protection				-							-	
Q.	Well Construction for Deepwell #5 and Deepwell #7												
Q.1	General mobilization of equipment and staff	1	LS		-	8.00	8.00	16.00	-	-	-	-	-
Q.2	Well to well mobilization and setting-up of equipment	1	LS		-	8.00	8.00	16.00	-	-	-	-	-
Q.3	Drilling of 200 mm dia. Pilot hole from ground surface to 200 meters including strata sampling every meter penetration or less when change of formation occurs	400	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.4	Geophysical borehole logging (electric resistivity and self potential) and well design	2	lot		-	8.00	8.00	16.00	-	-	-	-	-
Q.5	Reaming of 200 mm pilot hole to 400 mm from ground level to 200 m	400	lm		-	8.00	8.00	16.00	-	-	-	-	-

Detailed Financial Bid Form

Project: Construction of Site Development Works for NDC Industrial Estate Project
Location: Dasmariñas, Cavite
Subject: DETAILED FINANCIAL BID

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	DIRECT UNIT COST	ESTIMATED DIRECT COST	MARK UPS (%)		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						OCM	PROFIT	%	AMOUNT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) (6)x(9)	(11) 5%[(6)+(10)]	(12) (10)+(11)	(13) (6)+(12)	(14) (13)/(3)
Q.6	Furnishing of 250 mm dia spiral-welded stel casing with minmum wall thickness of 6 mm	292	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.7	Furnishing of 250 mm dia. continuous wirewound stainles steel screen	108	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.8	Furnishing and installation of casing centralizer every 12 m interval	24	pc		-	8.00	8.00	16.00	-	-	-	-	-
Q.9	Installation of casings and screens including stick-up pipe	400	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.10	Furnishing and intallation of gravel pack material at annulus around casings and screens	340	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.11	Deflocculate drilling mud by jetting water with 3% polyphosphate solution	2	lot		-	8.00	8.00	16.00	-	-	-	-	-
Q.12	Development by high velocity water jeting, 18 hrs/wel	36	hr		-	8.00	8.00	16.00	-	-	-	-	-
Q.13	Development by airlift method, 24 hrs/wel	48	hr		-	8.00	8.00	16.00	-	-	-	-	-
Q.14	Sted-drawdown pumping test	2	lot		-	8.00	8.00	16.00	-	-	-	-	-
Q.15	Continuous constant discharge rate pumping test, 48 hrs/well	96	hr		-	8.00	8.00	16.00	-	-	-	-	-
Q.16	Cement grouting of annulus around 250 mm dia. casing	30	lm		-	8.00	8.00	16.00	-	-	-	-	-
Q.17	Furnish and install well head cap, gravel fill pipe and water level sounding tube	2	lot		-	8.00	8.00	16.00	-	-	-	-	-
Q.18	Demobilization and clean-up of well site	1	LS		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total for Well Construction				-							-	
R.	Pump Complex No.3 Genset to Deepwell #8												
R.1	Supply and install wires and cables, type THHN, 600V.												
R.2	250mm² XLPE cable route IS 230m	1050	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
R.3	110mmØ PVC conduit	700	l.m.		-	8.00	8.00	16.00	-	-	-	-	-
R.4	Single duct, dimension, 300mm x 300mm x 250m long 110mm diameter conduit pipe	23	cu.m.		-	8.00	8.00	16.00	-	-	-	-	-
R.5	Service box handhole 500mm x 500mm x 500mm deep	6	set		-	8.00	8.00	16.00	-	-	-	-	-
R.6	Miscellaneous	1	lot		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total Electrical PC #3 to DW #8				-							-	
S.	Landscape & Greening												
S.1	Medium trees, 5 ft. min., along the road	400	pc		-	8.00	8.00	16.00	-	-	-	-	-
S.2	Acacia & the like, 5 ft. min., along greens	80	pc		-	8.00	8.00	16.00	-	-	-	-	-
S.3	Indian tress, 5 ft. min., along housing areas	600	pc		-	8.00	8.00	16.00	-	-	-	-	-
	Sub-Total Landscape & Greening				-							-	
	Grand Total				-							-	
					* Excluding General Requirements								

Annex B**List of Contractor's Equipment Pledged to the Contract,
Supported by Certifications of Availability**

Business Name : _____

Business Address : _____

Description	No. of Units	Model/Year Manufactured	Capacity/ Performance/ Size	Plate No.	Motor No./ Body No.	Specific Location	Condition	Proof of Ownership/ Lessor or Vendor
A. Owned ¹								
B. Leased ²								
C. Under Purchase Agreements ³								

¹Attached are copies of sales invoices / Registration Certificates from LTO.²Attached are the certificates from the lessors that the equipment units under B (Lease) shall be available for this contract.³Attached are the certifications from the vendor that the equipment units under C (Purchase Agreements) shall be available for this contract.

**PUBLIC BIDDING FOR THE SITE DEVELOPMENT WORKS OF THE
NDC INDUSTRIAL ESTATE (NDCIE) PROJECT**

MINUTES OF SITE INSPECTION

March 9, 2019, 9:00 AM

First Cavite Industrial Estate, Brgy Langkaan
Dasmarinas, Cavite

Present were:

NDC Consultant:

Frumencio T. Tagulinao

Prospective Bidders Representatives:

Ethel Labadan	-	C.T. Consigna Constuction Corp.
Glory Ann Ravelas	-	C.T. Consigna Constuction Corp.
Kascheca Cortez	-	C.T. Consigna Constuction Corp.
Albert Ramos	-	C.T. Consigna Constuction Corp.
Nicomedes E Agasa	-	ASIATECH
Joel A. Jariel	-	ASIATECH
Manuel Talusan, Jr.	-	Montevista Construction Corp.
Lourdes Cordura	-	Montevista Construction Corp.
Nila Malonzo	-	Montevista Construction Corp.
Cristie Suizo	-	Montevista Construction Corp.
Brando L. Salang-oy	-	PERRC Const. & Development Corp.
Robert Donoy	-	Davao Rock Mixer Enterprise
Edwin Ignacio	-	Schema Konsult
Charmaine Bautista	-	Werr Corp. International
Mike Capuz	-	Werr Corp. International
Elmer B. Sambo	-	Werr Corp. International

FCIE Association Representatives:

Annel Narrido (CP# 0927 535 2132)	-	Water Supply Engineer
Rey Palmones	-	Pump Operator
Mario Telan	-	Pump Operator

Site Inspection:

The Site Inspection led by Engr. Tagulinao started at 09:00 with the assistance of the FCIE Association water supply engineer and pump operators.

The following sites were inspected:

1. Deepwell Pump Station No. 5 (Item F of BOQ)

The following are the major scope of work:

- a. Construction (Replacement) of new deep well; 200m deep on 250mm dia. Casing (*Item Q of BOQ*). Approximate location is shown on the plan.
- b. Mechanical installation
 - Piping from new well to old well;
 - Supply and installation (Replacement) of submersible pump and motor. The pump capacity shall be limited from 10-15 liters per second (lps). All existing

respectively. The FCIE Association recommends to use these brands for easier maintenance.

- Supply and installation of Chlorinating Equipment (Gas-type);
- c. Electrical
 - Motor Control Panel with Variable Speed Drive (VSD)
 - Manual Transfer Switch (MTS) – According to FCIE personnel, the existing MTS is still in working condition. (*This shall be included in the bid but will be tested during construction. A variation order will be issued after verification*).
 - Other miscellaneous works

2. Deepwell Pump Station No. 7 (Item I of BOQ)

The following are the major scope of work:

- a. Construction of new deep well; 200m deep on 250mm dia. Casing (*Item Q of BOQ*). Approximate location is shown on the plan.
- b. Mechanical installation
 - Piping from new well to old well; piping inside the pump house
 - Supply and installation (Replacement) of submersible pump and motor. The pump capacity shall be limited from 10-15 liters per second (lps). All existing pump and motor brands installed in FCIE are Grundfos and Franklin, respectively. The FCIE Association recommends to use these brands for easier maintenance.
 - Supply and installation of Chlorinating Equipment (Gas-type);
- c. Electrical – All electrical works shall be reinstalled/reconstructed.
 - Motor Control Panel with Variable Speed Drive (VSD)
 - Manual Transfer Switch (MTS)
 - New Service Connection
 - Other miscellaneous works

d. Civil Works

The location of the pump house is regularly flooded during rainy season. It is recommended to raise the area and the pump house flooring by at least 0.80m. This will be treated as change order during construction implementation. The works are as follows:

- Engineered fill
- Raising of pump house flooring and doors
- Electrical service entrance post
- Removal and re-installation of existing fence

3. Pump Complex No. 3 Genset to Deepwell No. 8 (Item R of BOQ)

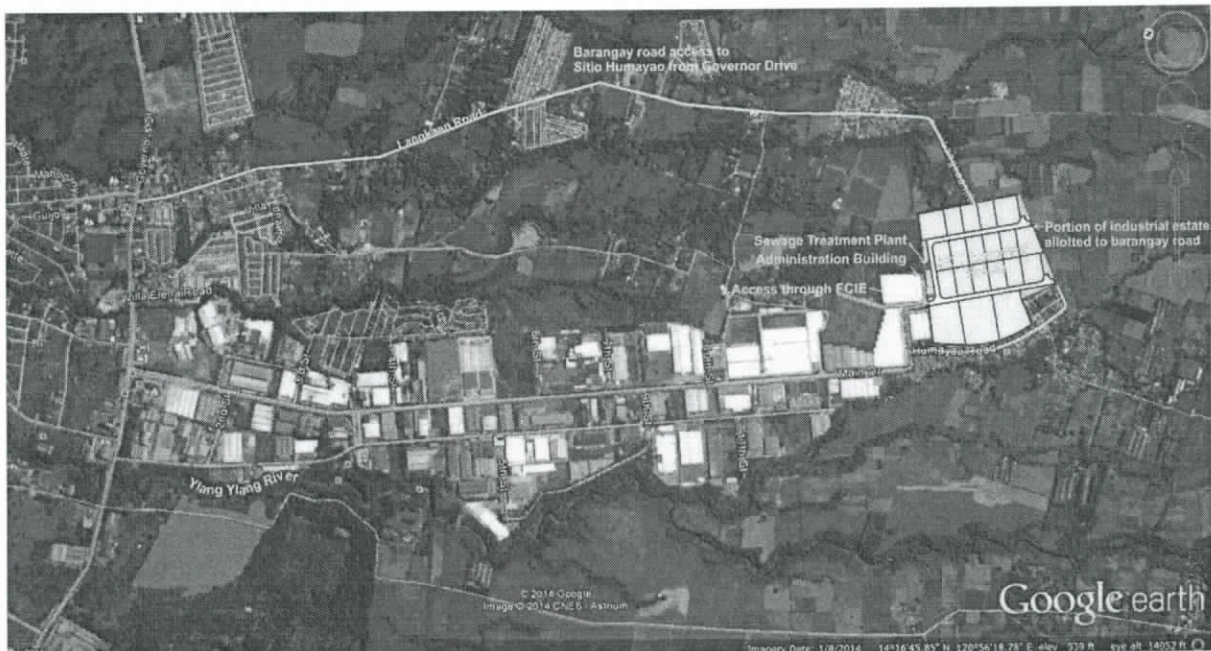
NDCIE water supply will be sourced from Phase 3. At least one deepwell shall be connected to the generator to supply water during power outages. The existing connection for Phase 3 is grounded. This shall be replaced with new XLPE cable as shown on the plan.

It is noted that the existing generator is **Cummins** brand. The FCIE Association recommends to use these brands for maintenance convenience.

4. Site Inspection

Site inspection of the NDCIE site followed after inspection of Pump Complex No. 3 and Deepwell No. 8.

- a. The corner radius of the road going to the NDCIE entrance gate shall be increased to accommodate 40-footer container trucks. This shall be treated as change order during contract implementation.
- b. Contrary to what has been discussed, ***all contractor's equipment, materials and deliveries shall utilize the existing barangay road (shown in the figure below) during construction of the project.*** However, all equipment and material deliveries for the reconstruction of deepwells and deepwell pump houses may pass through FCIE. The use of barangay road should be coordinated with the Brgy. Captains of Langkaan 1 and 2.



- c. The existing barangay road and property boundaries were shown to the contractors.
- d. There are houses built of light materials to be removed during construction.
- e. The Contractor is allowed to build a temporary site office. *The Temporary Facilities Plan shall be part of pre-construction submittal.* Drugs, drinking of alcoholic beverages, gambling and other forms of vices are prohibited.
- f. Location and quantity of retaining walls are not shown on the plan. This shall form part of the query to be submitted by the bidder.

5. Other Matters Discussed

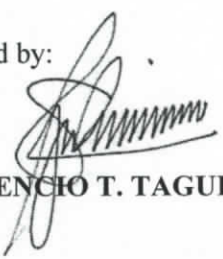
- a. The Contactor will be paid for the actual quantity of each line item performed as measured in the field during construction. Each unit price includes all labor, materials, equipment, overhead and profit attributable to that scope of work.
- b. Engr. Tagulinao gave copies of the Specifications to those with USB but not to all who joined the site inspection. These will be given to the Bidders together with a copy of these minutes.
- c. The heading (column numbers and formula) of the Detailed Financial Bid Form (DFBF) is corrected (see attached). Likewise, column 14 is added to determine the Unit Cost for each line item of work. The percentages of OCM and Profit and VAT are based

on the latest DPWH guidelines for the preparation of Approved Budget for the Contract (ABC). Considering the limited time to prepare the bid, the Bidders are requesting for the Excel copy of the Detailed Financial Bid Form. The Bidders should check the accuracy of the formulae in the Excel file.

- d. The Unit Price Analysis (UPA) should show the breakdown for materials, equipment and labor costs for each line item of work to arrive at the direct unit cost which shall be linked to the corresponding item Direct U/C (column 5) of the DFBF. Non-submission of the UPAs will disqualify the bid.
- e. *Contrary to what has been discussed, the Minimum Equipment Requirement shall be issued in Supplemental Notice/Bid Bulletin - Addendum No.1.*

There having been no other remaining topics for discussion, the site inspection adjourned at 11:50 AM.

Prepared by:



FRUMENCIO T. TAGULINAO

Project : _____
 Location : _____

UNIT PRICE BREAKDOWN

Item No.		Assumed Production:	Mixing = 2 mhrs/m ³
Description of Work :	Concrete 3,500 psi		Placing, Finishing & Curing = 10 mhrs/m ³
Unit:	m ³	Total Production:	
Quantity:	9		13 men x 8 hrs/day = 104 mhrs/day
			104 mhrs / 12 mhrs/m ³ = 8.67 m ³ /day

I. DIRECT COST				
Description	Qty	Unit	Rate	Amount
a. Material				
Portland Cement, 40 kgs Type V(10 bags/m ³)	90.00	bags		-
Fine Aggregates	4.00	m ³		-
Coarse Aggregates	8.00	m ³		-
Misc. 10%				-
				-
				-
				-
				-
Sub-Total				-
b. Labor				
1 Asst. Foreman	8.00	mhrs		-
4 Skilled Labor	32.00	mhrs		-
8 Unskilled Labor	64.00	mhrs.		-
				-
				-
				-
13 Sub-Total	104.00			-
c. Equipment				
Concrete Mixer, 1 bagger	8.00	hrs		-
Concrete Vibrator	8.00	hrs		-
Minor Tools, 10% of Labor	1.00	sum		-
				-
				-
				-
				-
Sub-Total				-
TOTAL DIRECT COST				-