



Project: **Improvement of the Food Processing Laboratory**
 Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
SPCL I	Temporary Facility	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
SPCL II	Site Clearing	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
B.7 (1)	Occupational Safety and Health Program	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
B.9	Mobilization / Demobilization	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
801(1)	Removal of Existing Structure	sq.m	253.27	In words: Pesos In figures: Php	In words: Pesos In figures: Php
804(7)	Gravel Fill	cu.m	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php

Submitted by:

 Name and Signature of Bidder's Representative

 Position

 Date:

 Name of Bidder



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Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
900(1)c2	Structural Concrete (Slab on Fill)	cu.m	1.26	In words: Pesos In figures: Php	In words: Pesos In figures: Php
900(1)c7	Structural Concrete (Lintel Beam and Concrete Canopy)	cu.m	0.63	In words: Pesos In figures: Php	In words: Pesos In figures: Php
902(1)	Reinforcing Steel	kgs	151.78	In words: Pesos In figures: Php	In words: Pesos In figures: Php
903(1)	Formworks and Falseworks	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1002(27)	Plumbing Works	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1003(1)a1	Ceiling, 4.5mm Metal Frame Fiber Cement Board	sq.m	191.17	In words: Pesos In figures: Php	In words: Pesos In figures: Php

Submitted by:

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 Position

 Date:

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Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1003(2)b1	Wall,6mm Metal Framed Fiber Cement Board	sq.m	114.72	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1007(2)	Aluminum Framed Glass Door	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1008(2)	Aluminum Glass Windows	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1016(1)a	Water Proofing (Cement Base)	sq.m	193.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1018(1)	Glazed Tiles and Trims	sq.m	16.92	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1018(2)	Unglazed Tiles	sq.m	3.60	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____

Submitted by:

 Name and Signature of Bidder's Representative

 Position

Date: _____

 Name of Bidder



Project: **Improvement of the Food Processing Laboratory**
 Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1032(1)a	Painting Works (Masonry/Concrete)	sq.m	905.74	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1032(1)b	Painting Works (Wood)	sq.m	4.83	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1046(2)a1	CHB Non-Load Bearing (Including Reinforcing Steel) 100mm	sq.m	199.37	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1046(2)a2	CHB Non-Load Bearing (Including Reinforcing Steel) 150mm	sq.m	79.31	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1100(10)	Conduits, Boxes and Fittings (Conduit Works/Conduit Rough-in)	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php
1101(33)	Wires and Wiring Devices	l.s.	1.00	In words: Pesos In figures: Php	In words: Pesos In figures: Php

Submitted by:

 Name and Signature of Bidder's Representative

 Position

 Date:

 Name of Bidder



Project: **Improvement of the Food Processing Laboratory**
 Location: **SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte**

BILL OF QUANTITIES

<i>(Columns (1), (2), (3), and (4) are to be filled up by the Procuring Entity)</i>				<i>(Columns (5) and (6) are to be filled up by the Bidder)</i>	
Pay Item No	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
1102(1)	Panel Board with Main & Branch Breakers	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
1103(1)	Lighting Fixtures and Lamps	l.s.	1.00	In words: Pesos _____ In figures: Php _____	In words: Pesos _____ In figures: Php _____
Total					Php

Submitted by:

 Name and Signature of Bidder's Representative

 Position

Date: _____

 Name of Bidder



Project: Improvement of the Food Processing Laboratory
Location: SLSU-Sogod Campus, San Roque, Sogod, Southern Leyte
Owner: Southern Leyte State University

Project Duration: 120 C.D.

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
SPCL I	Temporary Facility	1.00	l.s.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
Labor Cost
Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # SPCL I

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
SPCL II	Site Clearing	1.00	l.s.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
Labor Cost
Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # SPCL II

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
B.7 (1)	Occupational Safety and Health Program	1.00	l.s.		
	Caution Tape 0.075m x 300m	1	roll/s		
	Safety Hard Hat	10	pc/s		
	Safety Vest	10	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
Labor Cost
Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # B.7 (1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
B.9	Mobilization / Demobilization	1.00	l.s.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # B.9

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
801(1)	Removal of Existing Structure	253.27	sq.m		
	Includes Chipping of Existing Floor Tiles, Removal of Existing Windows, Walls and Ceiling	1	l.s.		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 801(1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
804(7)	Gravel Fill	1.00	cu.m		
	Gravel 3/4"	1	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 804(7)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
900(1)c2	Structural Concrete (Slab on Fill)	1.26	cu.m		
	<i>Slab on Fill</i>				
	Portland Cement (Type 1)	13	bag/s		
	Washed Sand	1	cu.m		
	Gravel 3/4"	2	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 900(1)c2

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
900(1)c7	Structural Concrete (Lintel Beam and Concrete Canopy)	0.63	cu.m		
	<i>Concrete Canopy</i>				
	Portland Cement (Type 1)	9.00	bag/s		
	Washed Sand	1.00	cu.m		
	Gravel 3/4"	1.00	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 900(1)c7

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
902(1)	Reinforcing Steel	151.78	kgs		
	<i>Slab on Grade</i>				
	Reinforced Steel Bar 10mmØ (Grade 33)	16	pc/s		
	Tie Wire #16	2	kg/s		
	<i>Canopy</i>				
	Reinforced Steel Bar 10mmØ (Grade 33)	25	pc/s		
	Tie Wire #16	2	kg/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 902(1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
903(1)	Formworks and Falseworks	1.00	l.s.		
	<i>Staging</i>				
	Coco Lumber 2"x3"x10'	120	bd.ft		
	Coco Lumber 2"x3"x12'	120	bd.ft		
	Common Wire Nails 3"	1	kg/s		
	Common Wire Nails 4"	1	kg/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 903(1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1002(27)	Plumbing Works	1.00	l.s.		
	<i>Fixtures</i>				
	Water Closet w/ Flush Tank + Wall Hung Lavatory + Fittings	1	set/s		
	Stainless Steel Floor Drain 4" x 4"	1	set/s		
	Stainless Steel Bidet with Bidet hose and Holder	1	set/s		
	Stainless Steel Drop Down Support	2	set/s		
	Stainless Steel Double Sink with Stand + Strainer + Grease Trap and Complete Accessories	2	set/s		
	Stainless Steel Sink with Stand + Strainer and Complete Accessories	3	set/s		
	Tall Brushed Stainless Steel Lavatory Faucet	1	set/s		
	Stainless Steel Linear Floor Drain 0.10mx0.80m	9	length/s		
	<i>Waterline</i>				
	Angle Valve 1/2" x 1/2"	8	pc/s		
	Ball Valve 1"	1	pc/s		
	Gate Valve Bronze 1 1/4"	1	pc/s		
	PPR Coupling 1 1/4"	2	pc/s		
	PPR Elbow 1" x 90°	10	pc/s		
	PPR Femal Elbow 1/2"	15	pc/s		
	PPR Elbow 1 1/4" x 90°	10	pc/s		
	PPR Elbow 1/2" x 90°	10	pc/s		
	PPR Pipe 1" x 10'	20	length/s		
	PPR Pipe 1/2" x 10'	10	length/s		
	PPR Tee 1"	10	pc/s		
	PPR Tee 1/2"	10	pc/s		
	PPR Union 1"	2	pc/s		
	Teflon Tape 1/2" x 10m	5	pc/s		
	<i>Sanitary</i>				
	uPVC Pipe 4" x 10' (S-1000)	10	length/s		
	uPVC Pipe 2" x 10' (S-1000)	20	length/s		
	uPVC Cleanout 4"	3	pc/s		
	uPVC Cleanout 2"	10	pc/s		
	uPVC Coupling 4"	5	pc/s		
	uPVC Coupling 2"	10	pc/s		
	uPVC Elbow 1/8 bend x 4"	5	pc/s		
	uPVC Elbow 1/8 bend x 2"	20	pc/s		
	uPVC Elbow 1/4 bend x 2"	10	pc/s		
	uPVC Wye 4" x 4"	5	pc/s		
	uPVC Wye 2" x 4"	5	pc/s		
	uPVC Wye 2" x 2"	20	pc/s		
	uPVC P-Trap 2" x 2"	5	pc/s		
	Solvent Cement 400cc	5	can/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1002(27)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1003(1)a1	Ceiling,4.5mm Metal Frame Fiber Cement Board	191.17	sq.m		
	Fiber Cement Board (1.20m x 2.40m x 4.50mm thk)	76	pc/s		
	Double Metal Furring (1"x2") 0.30mm x 19mm x 50mm x 5m	192	length/s		
	Carrying Channel (1" x 1-1/2") 0.80mm x 12mm x 38m x 5m	45	length/s		
	Wall Angle (1"x1"x3m)	59	length/s		
	W-Clip Double Furring	1520	pc/s		
	Full-Threaded Steel Hanger Rod 3/8"	40	length/s		
	J-Clip 3/8"	150	pc/s		
	Grip Anchor 3/8"	150	pc/s		
	Nut 3/8"	400	pc/s		
	Hardiflex Screw	4560	pc/s		
	Blind Rivets 5/32" x 3/4"	3800	pc/s		
	Concrete Nails 1"	5	kg/s		
	Stainless Steel Air Vent Cap (125mm)	2	pc/s		
	Stainless Steel Air Vent Cap (150mm)	3	pc/s		
	Aluminum Flexible Duct 125mm x 10m	1	pc/s		
	Aluminum Flexible Duct 150mm x 10m	5	pc/s		
	Ceiling Exhaust Fan 600mm x 600mm	11	pc/s		
	Ceiling Exhaust Fan 400mm x 400mm	2	pc/s		
	Modern Ceiling Fan	1	set/s		
	Drill Bit 16mm	5	pc/s		
	Drill Bit 3mm	5	pc/s		
	Grinding Disc 4"	5	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1003(1)a1

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1003(2)b1	Wall,6mm Metal Framed Fiber Cement Board	114.72	sq.m		
	Fiber Cement Board (1.20m x 2.40m x 6.00mm thk)	90	pc/s		
	Metal Track (1-1/2" x 4")0.50mm x 35mm x 102mm x 3m	56	length/s		
	Metal Studs (1-1/2" x 4")0.50mm x 35mm x 102mm x 3m	237	length/s		
	Hardiflex Screw	9000	pc/s		
	Blind Rivets 5/32" x 3/4"	4500	pc/s		
	Concrete Nails 1"	5	kg/s		
	Drill Bit 16mm	5	pc/s		
	Drill Bit 3mm	5	pc/s		
	Grinding Disc 4"	10	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1003(2)b1

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1007(2)	Aluminum Framed Glass Door	1.00	l.s.		
	Double Swing Flush Door (Gray) with Lite Glass and Door Jamb and Lever Type Lockset (Bothsides) (1.30m x 2.10m)	2	set/s		
	PVC Swing Door (White) with Door Jamb and Lever Type Lockset (Bothside) (1.00m x 2.10m)	1	set/s		
	Single Swing Glass Door using 1/4" Tempered Glass 2"x4" Analok Aluminum Frame (Black) with Lever Type Lockset (Bothside) (1.10m x 2.10m)	2	set/s		
	Single Swing Flush Door (Gray) with Lite Glass and Door Jamb and Lever Type Lockset (Bothside) (1.00m x 2.10m)	8	set/s		
	Single Swing Glass Door using 1/4" Tempered Glass 2"x4" Analok Aluminum Frame (Black) with Lever Type Lockset (Bothside) (1.00m x 2.10m)	2	set/s		
	Heavy Duty Hinges 4" x 4"	51	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
Labor Cost
Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1007(2)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1008(2)	Aluminum Glass Windows	1.00	l.s.		
	1¾" x 3" Analok Aluminum Frame Awning Window using 1/4" Thick Tinted Glass (Gray) (0.80m x 0.50m)	2	set/s		
	1¾" x 3" Analok Aluminum Frame Fixed Glass with Awning Windows using 1/4" Thick Tinted Glass (Gray) (1.70m x 3.00m)	1	set/s		
	1¾" x 3" Analok Aluminum Frame Fixed Glass using 1/4" Thick Tempered Glass (1.20m x 2.40m)	1	set/s		
	1¾" x 3" Analok Aluminum Frame Fixed Glass using 1/4" Thick Tempered Glass (1.20m x 1.60m)	1	set/s		
	1¾" x 3" Analok Aluminum Frame Fixed Glass using 1/4" Thick Tempered Glass (1.20m x 1.30m)	1	set/s		
	Silicone Sealant Clear	5	tube/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
Labor Cost
Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1008(2)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1016(1)a	Water Proofing (Cement Base)	193.00	sq.m		
	Cementitious Waterproofing system	97	gal/s		
	Portland Cement (Type 1)	16	bag/s		
	Roller Brush 8"	10	pc/s		
	Paint Tray Roller 10"	10	pc/s		
	Stainless Steel Wire Brush	10	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1016(1)a

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1018(1)	Glazed Tiles and Trims	16.92	sq.m		
	Saigres Parian Marble Polished Porcelain Tiles (0.60m x 0.60m)	47	pc/s		
	Tile Adhesive 25kg	2	bag/s		
	Tile Grout 2kg	5	bag/s		
	Portland Cement (Type 1)	1	bag/s		
	Grinding Disc 4"	2	pc/s		
	Tile trim	2	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1018(1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1018(2)	Unglazed Tiles	3.60	sq.m		
	Vitacer The Rock Porcelain Matte Floor Tiles (0.60m x 0.60m)	10	pc/s		
	Tile Adhesive 25kg	1	bag/s		
	Tile Grout 2kg	1	bag/s		
	Portland Cement (Type 1)	1	bag/s		
	Grinding Disc 4"	1	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1018(2)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1032(1)a	Painting Works (Masonry/Concrete)	905.74	sq.m		
	<i>Ceiling (Fiber Cement Board)</i>				
	Acrytex Cast	20	gal/s		
	Acrytex Primer	7	gal/s		
	Acrytex Reducer	4	gal/s		
	Flat Latex Paint, (White)	13	gal/s		
	Marine Epoxy Non-Sag	5	gal/s		
	Paint Brush 2"	5	pc/s		
	Paint Brush 4"	5	pc/s		
	Roller Brush 8"	5	pc/s		
	Paint Tray Roller 10"	5	pc/s		
	Sand Paper #120	25	pc/s		
	Sand Paper #100	25	pc/s		
	Sand Paper # 80	25	pc/s		
	Gypsum Tape 50mm	15	pc/s		
	<i>Drywall (Fiber Cement Board)</i>				
	Acrytex Cast	17	gal/s		
	Acrytex Primer	6	gal/s		
	Acrytex Reducer	3	gal/s		
	Acrylic Latex Paint, Matte (White)	11	gal/s		
	Marine Epoxy Non-Sag	5	gal/s		
	Paint Brush 2"	5	pc/s		
	Paint Brush 4"	8	pc/s		
	Roller Brush 8"	10	pc/s		
	Paint Tray Roller 10"	10	pc/s		
	Sand Paper #120	25	pc/s		
	Sand Paper #100	25	pc/s		
	Sand Paper # 80	25	pc/s		
	Gypsum Tape 50mm	10	pc/s		
	<i>Concrete Wall</i>				
	Acrytex Cast	33	gal/s		
	Acrytex Primer	11	gal/s		
	Acrytex Reducer	4	gal/s		
	Acrylic Latex Paint, Matte (White)	21	gal/s		
	Paint Brush 2"	5	pc/s		
	Paint Brush 4"	10	pc/s		
	Roller Brush 8"	15	pc/s		
	Paint Tray Roller 10"	15	pc/s		
	Sand Paper #120	30	pc/s		
	Sand Paper #100	30	pc/s		
	Sand Paper # 80	30	pc/s		
	Blue Painter's Tape (2"x50m)	5	pc/s		
	Stainless Steel Wire Brush	8	pc/s		
	<i>Floor Slab</i>				
	Self Leveling Epoxy	20	set/s		
	Self Leveling Primer	11	set/s		
	Spike Roller 10"	2	pc/s		
	Sanding Disc 5"	10	pc/s		
	Stainless Steel Notched Spreader	1	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1032(1)a

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1032(1)b	Painting Works (Wood)	4.83	sq.m		
	Body Filler Flexible White (1 Gal) with Hardener	1	set/s		
	Acrylic Latex Paint, Matte (Gray)	1	gal/s		
	Lacquer Primer Surfacer	1	gal/s		
	Lacquer Thinner	1	gal/s		
	Paint Brush 4"	2	pc/s		
	Roller Brush 8"	2	pc/s		
	Paint Tray Roller 10"	2	pc/s		
	Sand Paper #400	5	pc/s		
	Sand Paper #180	5	pc/s		
	Sand Paper #120	5	pc/s		
	Sand Paper #100	5	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1032(1)b

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1046(2)a1	CHB Non-Load Bearing (Including Reinforcing Steel) 100mm	199.37	sq.m		
	CHB 4"	584	pc/s		
	Reinforced Steel Bar 10mmØ (Grade 33)	34	pc/s		
	Tie Wire #16	3	kg/s		
	<i>Mortar</i>				
	Portland Cement (Type 1)	26	bag/s		
	Washed Sand	3	cu.m		
	<i>Plastering</i>				
	Portland Cement (Type 1)	18	bag/s		
	Washed Sand	2	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1046(2)a1

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1046(2)a2	CHB Non-Load Bearing (Including Reinforcing Steel) 150mm	79.31	sq.m		
	CHB6"	1043	pc/s		
	Reinforced Steel Bar 10mmØ (Grade 33)	58	pc/s		
	Tie Wire #16	4	kg/s		
	<i>Mortar</i>				
	Portland Cement (Type 1)	81	bag/s		
	Washed Sand	7	cu.m		
	<i>Plastering</i>				
	Portland Cement (Type 1)	31	bag/s		
	Washed Sand	2	cu.m		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1046(2)a2

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1100(10)	Conduits, Boxes and Fittings (Conduit Works/Conduit Rough-in)	1.00	l.s.		
	PVC Conduit Pipe, 3/4" dia.	75	length/s		
	PVC Conduit Pipe, 2" dia.	5	length/s		
	Solvent Cement 400cc	10	can/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1100(10)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1101(33)	Wires and Wiring Devices	1.00	l.s.		
	2.0mm2, THHN/TW(G) Stranded Copper Wire	2.00	box/s		
	3.5mm2, THHN/THW Stranded Copper Wire	3.00	box/s		
	5.5mm2, THHN/THW Stranded Copper Wire	4.00	box/s		
	8.0mm2, THHN/THW Stranded Copper Wire	2.00	box/s		
	14.0mm2, THHN/THW Stranded Copper Wire	30.00	mtr/s		
	22.0mm2, THHN/THW Stranded Copper Wire	60.00	mtr/s		
	<i>Wiring Devices</i>				
	1-Gang No Neutral Wifi SMART Light Switch (White)	8.00	pc/s		
	2-Gang No Neutral Wifi SMART Light Switch (White)	2.00	pc/s		
	3-Gang No Neutral Wifi SMART Light Switch (White)	1.00	pc/s		
	2-Gang Wifi SMART Convenience Outlet 16A (White)	3.00	pc/s		
	Speed Control Switch	6.00	pc/s		
	Universal Special Purpose Outlets (S.P.O.1.1)	19.00	pc/s		
	Switch/Outlet Blank Plate	20.00	pc/s		
	Utility Box	39.00	pc/s		
	Junction Box Square with cover (6" x 6")	30.00	pc/s		
	Electrical tape (Big)	10.00	roll/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1101(33)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1102(1)	Panel Board with Main & Branch Breakers	1.00	l.s.		
	Circuit Breaker,15A 2P (bolt-on Type)	5	pc/s		
	Circuit Breaker,20A 2P (bolt-on Type)	5	pc/s		
	Circuit Breaker,15A 3P (bolt-on Type)	1	pc/s		
	Circuit Breaker,20A 3P (bolt-on Type)	1	pc/s		
	Circuit Breaker,30A 3P (bolt-on Type)	5	pc/s		
	Circuit Breaker,60A 3P (bolt-on Type)	1	pc/s		
	Circuit Breaker,75A 3P (bolt-on Type)	1	pc/s		
	Panel Board, 15A, 3P, 8 holes (bolt-on Type - Center Main)	1	set/s		
	Panel Board, 20A, 3P, 8 holes (bolt-on Type - Center Main)	1	set/s		
	Panel Board, 75A, 3P, 8 holes (bolt-on Type - Center Main)	1	set/s		
	Panel Board, 250A, 3P, 6 holes (bolt-on Type - Center Main)	1	set/s		
	Safety Breaker 60A, 3P	1	pc/s		
	Safety Breaker 30A, 3P	2	pc/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1102(1)

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1103(1)	Lighting Fixtures and Lamps	1.00	l.s.		
	20 Watts LED (Flush Mounted) Ceiling Panel Light 300mm x 300mm (CoolWhite)	10	pc/s		
	40 Watts Flush Mounted LED Panel Light (595mm x 595mm x 0.10mm) (Cool White)	31	pc/s		
	LED Emergency Luminaire	8	set/s		

A. DIRECT COST

- 1 Material Cost
- 2 Labor and Equipment Cost
 - Labor Cost
 - Equipment rentals and consumables

Sub-Total

B. INDIRECT COST

- 1 Overhead, Contingencies, Miscellaneous (15% of A.1+A.2)
- 2 Contractor's Profit (10% of A.1+A.2)
- 3 VAT (5% of A.1+A.2+B.1+B.2)

Sub-Total

Total of Item # 1103(1)

TOTAL _____

Prepared by:

Name and Signature of Bidder's Representative

Position

Name of Bidder

Date: _____



Excellence | Service | Leadership and Good Governance | Innovation | Social Responsibility | Integrity | Professionalism | Spirituality

Project: ESSENTIAL FURNISHINGS IMPROVEMENT (IMPROVEMENT OF FOOD PROCESSING LABORATORY IN COMPLIANCE TO RECOMMENDATIONS OF PRC)

Location: SLSU-SOGOD, SOGOD CAMPUS, SOGOD, SOUTHERN LEYTE

Subject: SCOPE OF WORK/ MATERIAL SPECIFICATION/ WORKMANSHIP

ABC: 2,500,000.00

The Contractor shall furnish labor, tools, equipment, PPE, and supervision to perform satisfactorily all the required works for the project. The work shall include but is not limited to mobilization, demobilization, masonry works, plastering and housekeeping.

A. MATERIAL SPECIFICATIONS

A.01 GENERAL REQUIREMENTS

Temporary Facility: Located at strategic site nearby the project
Protection Fences:
PPE: Hard Hat, Protection Glasses (Clear Glass during night works), Safety Shoes
As-Built Plans: 1 original + 3 copies

A.02 REINFORCED CONCRETE WORKS

Cement: Portland, ASTM C150, 40 kg per bag
Washed Sand: Cleaned, screened properly graded, washed
Gravel: Clean, properly graded, crushed or round, minimum size = 3/4" Ø
Water: Clean and free from any amount of oil, acids, alkali, organic materials, and other substances deleterious to concrete mix.
Concrete Mix: $f_c' = 21 \text{ Mpa @ 28 days}$
Concrete Mix Ratio: Class A 1:2:4 by volume
Rebar: Deformed, minimum yield strength $f_y = 414 \text{ MPa}$ grade 33
Tie Wire: G.I. Tire Wire Ga. #16

A.03 FORMWORKS AND SCAFFOLDING

Coco Lumber: allowed for use provided its normal strength has not deteriorated.
Assembly type: installed forms must be sturdy, stiff durable, and with true/correct alignment & elevation

A.04 MASONRY WORKS

CHB: 4" thk minimum strength = 2.5 Mpa (interior walls)
Mortar Mix:
- By volume :
(a) CHB laying 1 cement = 3 sand
(b) Tool joint finishing 1 cement = 2 sand
Rebar: Deformed, minimum yield strength $f_y = 414 \text{ MPa}$ grade 33
Water: Clean and free from any amount of oil, acids, alkali, organic materials, and other substances deleterious to concrete mix.

A.05 CEILING AND PARTITION WORKS

Ceiling: - Use 4.5mm Fiber Cement Board
Framing (Ceiling): - Use 0.50mm Double Furring spaced @ 0.60m from center

A.06 DOORS, WINDOW AND FIXED GLASS

Flush Doors: - Must be **Timber framed covered with plywood or MDF on both sides of door and hollow portion of the door filled with cardboards/hardwood.**
Door Knob (Flush Doors): - Use Aluminum Stainless Lever type doorknob
Fixed Glass: - Use 1/4" thk. Tempered Glass
Fixed Glass (Frame): - Use 1 3/4" x 3" Analok Aluminum Frame (Black)
Awning Glass Windows: - Use 1/4" thk. Tinted Glass (Gray)
Awning Glass Windows (Frame): - Use 1 3/4" x 3" Analok Aluminum Frame (Black)

A.07 TILE WORKS

Installation: - Must be seamless
Floor Threshold: - Use 20mm x 90cm Self Adhesive Silver Aluminum Alloy T-Strip (see specs)

A.08 PAINTING WORKS

Ceiling (Ficem Board): - **Primer Coat:** Use Flat Latex Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Flat Latex Paint (White). Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.
Concrete Walls: - **Primer Coat:** Use Flat Latex Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Use White, Matte Finish. Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.
Wood Surface: - Use Sand Paper #80, #100 and #400 to polish.
Flush Doors: - **Primer Coat:** Use Water Based Acrylic Primer. Apply 1 coat. **45 minutes** drying time per coat.
Top Coat: Use Water Based Acrylic Top Coat (Gray). Apply 2 coats. **1 hour** drying time per coat.
Application: Use Roller Brush 8" and 4" Paint Brush for the corners.

A.09 ELECTRICAL WORKS:

- Switches: - Use Smart Switches (White)
- Convenience Outlets: - Use Smart Convenience Outlets (White)
- Materials: - Comply with Philippine Electrical Code
- SOLECO Standards: - Black (hot lines); colored wire (ground)

B. WORKMANSHIP

- B.01 Site Clearing** - All surface objects other protruding obstructions not designated to remain shall be cleared and removed.
- B.02 Housekeeping** - Cleanliness and orderliness within the worksite is a must to enhance overall safety for the whole project.
- B.03 Plastering Works** - Minimum thickness is ½". Mortar mix must be put in place within 2 hours after water has been added. Follow the mixture specified in A.6 above. All plaster must be cement finish. Finish plaster must be water cured for at least three (3) days.
- B.04 Others** - Contractor's workers must always abide by Project's and School's safety and security rules and regulations. Violating workers will not be allowed to work and will be blacklisted. Details of these rules and regulations will be discussed during the kick-off meeting. List of workers and equipment must be submitted (w/ serial number) during the kick-off meeting.

Prepared by:


KEVIN P. OLIVERON
Project Development Officer I

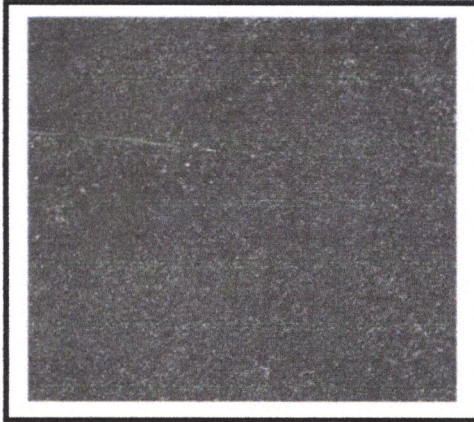

JAMES PAUL V. EVANGELISTA
Project Development Officer II


RYAN A. MACUTO
Project Development Officer III

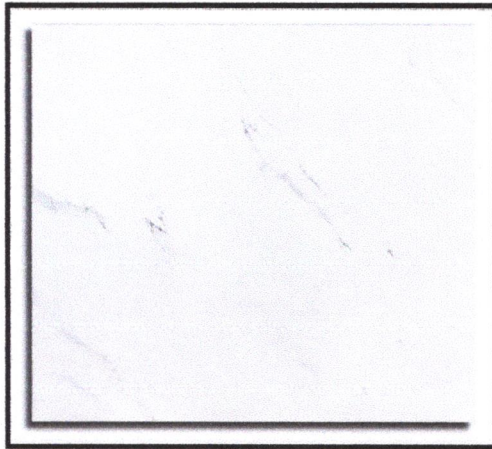
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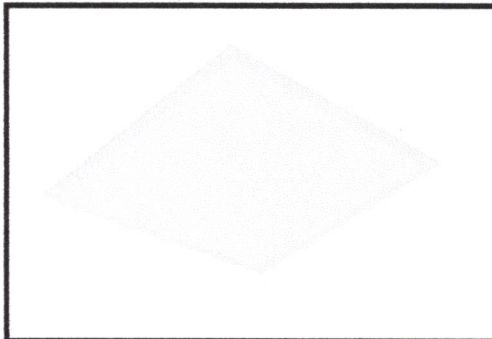
0.60m x 0.60m Vitacer Therock Porcelain Matte Floor Tile



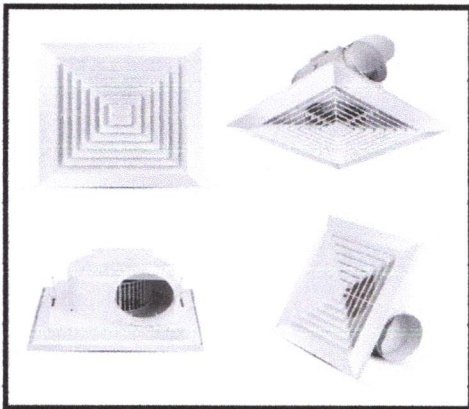
0.60m x 0.60m Saigres Parian Marble Polished Porcelain Tile



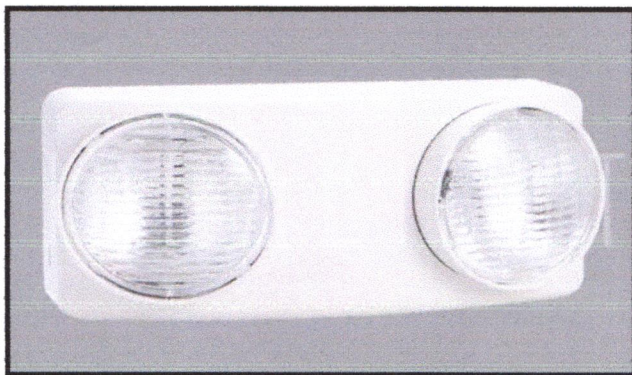
0.60m x 0.60m 50 Watts Flush Mounted LED Panel Light



0.60m x 0.60m and 0.40m x 0.40m Exhaust Fan



Emergency Light



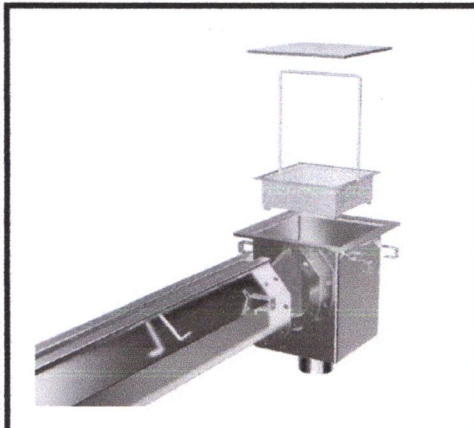
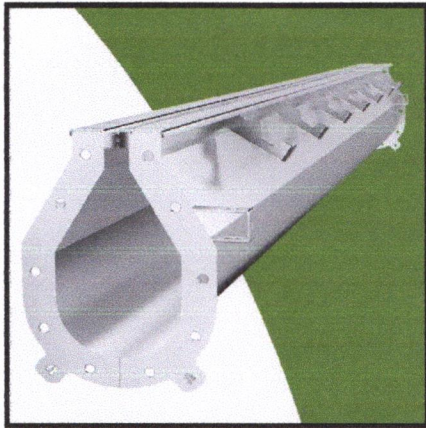
600 x 600 Pass Through Box



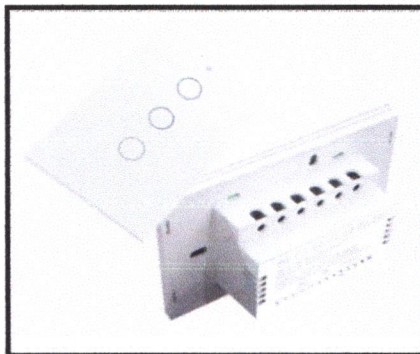
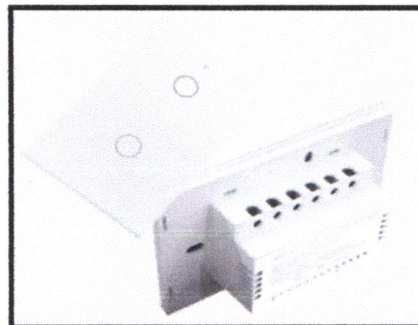
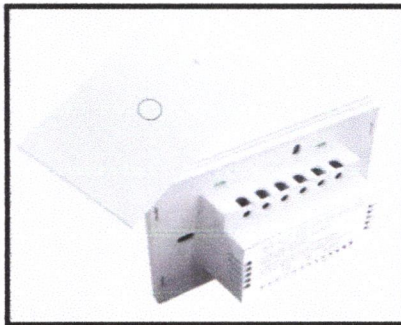
15" and 12" S.S. Wall Ducting Outlet



0.20m x 3.00m Food Safe Slot Drain



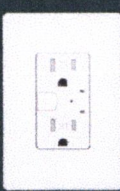
Smart Switches (White)



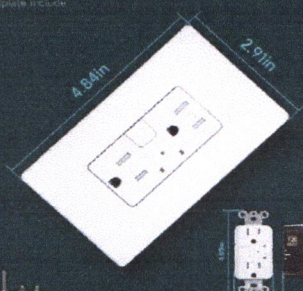
Smart Convenience Outlet (White)

SMART IN-WALL OUTLET
The smart outlet lets you individually control connected devices from anywhere.

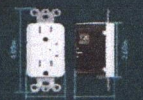
- Coffee Machine
- Humidifier
- Table Lamp
- Fan
- Vacuum
- Dried Maker
- Aircondition

A white smart in-wall outlet is shown. It features a standard two-prong electrical outlet on the right side and a smart switch on the left side. The switch has a rocker-style actuator.

DIMENSIONS
Multiple In-Use



4.94in
2.91in



1.65in
1.5in
1.65in
1.5in

The diagram shows the dimensions of the smart convenience outlet. The main outlet is 4.94 inches wide and 2.91 inches high. A detailed view of the outlet and switch mechanism shows a total width of 1.65 inches and a total height of 1.5 inches.

SPECIFICATIONS

GENERAL:

The surface drainage system shall be 10,000S Series FoodSafe Slot Drain complete with slotted linear trench opening as manufactured by FoodSafe Drains.

MATERIALS:

T304 Stainless Steel, T316 Stainless Steel

SLOPE:

0.5% Standard

DESIGN OPTIONS:

Material (\$): SS304(5), SS316(6)
 Slot Opening (#): 13mm (0), 25mm (1), 32mm (5)
 End (*): Open (0), End Cap (1), Flush Nipple (5)
 Section Lengths: Full 2.946m, Half 1.473m
 Custom Lengths available

FLOW RATE:

13mm 42 lpm (per 30 cm of drain)
 25mm 68 lpm (per 30 cm of drain)
 32mm 102 lpm (per 30 cm of drain)

LOAD CLASS:

DIN EN 1433 - Load Class E
 ASME 112.6.3 - Extra Heavy Duty

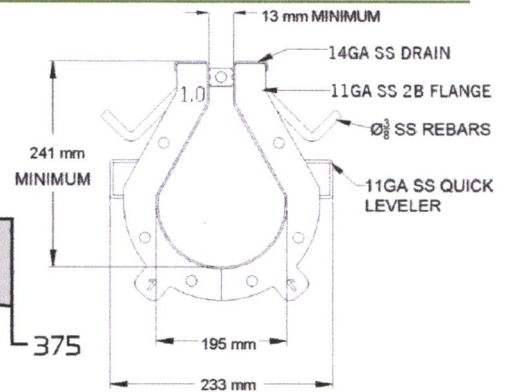
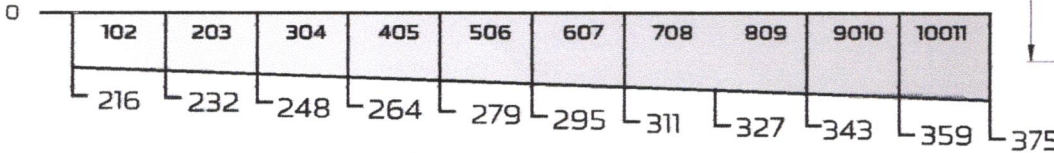
ACCESSORIES:

Cleaning paddle, Cleaning Brush, Flush Flo, CIP, Slot Hog, Tri-Clamp

INSTALLATION:

The 10,000S Series FoodSafe Slot Drain shall be installed in accordance with the manufacturer's installation instructions and recommendations.

TYPICAL MODULAR LAYOUT OF A 10,000S SERIES FOODSAFE SLOT DRAIN® SYSTEM
 (Sections fit together as illustrated below)



DRAIN CHANNELS

DESCRIPTION	PART NO.	INVERT SHALLOW MM	INVERT DEEP MM
10000S SERIES SS SLOT 102 HALF	SD10\$*#S-102B	224	232
10000S SERIES SS SLOT 102	SD10\$*#S-102	216	232
10000S SERIES SS SLOT 203	SD10\$*#S-203	232	248
10000S SERIES SS SLOT 304	SD10\$*#S-304	248	264
10000S SERIES SS SLOT 405	SD10\$*#S-405	264	279
10000S SERIES SS SLOT 506	SD10\$*#S-506	279	295
10000S SERIES SS SLOT 607	SD10\$*#S-607	295	311
10000S SERIES SS SLOT 708	SD10\$*#S-708	311	327
10000S SERIES SS SLOT 809	SD10\$*#S-809	327	343
10000S SERIES SS SLOT 9010	SD10\$*#S-9010	343	359
10000S SERIES SS SLOT 10011	SD10\$*#S-10011	359	375

NOTE:

Also available with 90° sections, 'T' sections, and Transition Pits for all of the depths specified above.

CATCH BASIN

LID: STANDARD, TRI-CLAMP OPTIONS ARE AVAILABLE AND STRAINER IS PART OF THE CATCH BASIN

DESCRIPTION	TOP WIDTH MM	TOP LENGTH MM	BOTTOM WIDTH MM	BOTTOM LENGTH MM	HEIGHT MM	OUTLET SIZE MM
10000 SS SMALL	314	314	314	314	435	102 or 152
10000 SS LARGE	314	314	314	314	530	102 or 152

SPECIFYING ENGINEER IS RESPONSIBLE FOR CONCRETE ENCAGEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES.
 FOODSAFE DRAINS SYSTEMS RESERVES THE RIGHT TO CHANGE THE PRODUCT AND SPECIFICATIONS WITHOUT NOTICE