

**PROJECT:** : Maysak New House Construction\_ [Weno](#), Chuuk State

**DATE** : 27 June 2016

**ORDER** : 23 SETS (Complete with Electrical) of the below Items

ITEM #	QUANTITY	UNIT	DESCRIPTION
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**A. LUMBER - all wood to be treated as specified**

FOUNDATION & FLOOR ( treatment : UC4B / H5 or higher for ground contact with frequent wet conditions)

Douglas Fir, #2 & Better Home Center Select Grade, Pressure  
Treated With CA-C To a .31 Lbs / CF Retention Or Refusal With  
Incisions. Conforms With UC4B/H5 Guidelines

1	2	ea	4"x 4" x 16'-0" Douglas-Fir PT #2 Lumber
2	2	ea	2"x 10" x 16'-0" Douglas-Fir PT #2 Lumber
3	29	ea	2"x 8" x 16'-0" Douglas-Fir PT #2 Lumber

WALL FRAMING, WINDOWS, DOORS, TRUSSES, PURLINS, CEILING ( treatment : UC3B / H3.2 or higher )

Douglas Fir, #2 & Better Home Center Select Grade, Pressure  
Treated With CA-C To a .06 Lbs / CF Retention Or Refusal W/incisions  
No Incise on 2 x2 & 1 x lumbers. Conforms With UC3B/H3.2 Guidelines

4	135	ea	2"x 4" x 16'-0" Douglas-Fir #2 PT Lumber
5	21	ea	2"x 2" x 16'-0" Douglas-Fir #2 PT Lumber
6	8	ea	1" x 6" x 16'-0" Douglas-Fir #2 PT Lumber
7	2	ea	1"x 4" x 16'-0" Douglas-Fir #2 PT Lumber
8	9	ea	1"x 2" x 16'-0" Douglas-Fir #2 PT Lumber

FLOORING, SIDING, GUSSETS ( treatment : UC3B / H3.2 or higher )

**Douglas Fir Plywood, Pressure Treated With CA-C**

9	10	ea	3/4" thk. 4'x8' PT BCX Plywood (for flooring)
10	20	ea	5/8" thk. x 4' x 8' PT T-1-11 Plywood (4" groove spacing )
11	11	ea	Gusset & Form Plywood: P.T. 1/2" CDX (exterior grade)

**HARDWARE MATERIALS (all hardware and fasteners to be stainless steel or hot-dip galvanized )**

12	50	bags	Quikrete Concrete Mix Product No. 1101, 80 lb bags
13	24	ea	2"x16"x1/4" thk. HDG Flat Bar post strap w/holes per drawing detail
14	24	ea	1/2" dia.x 5-1/2" long Machine Bolt, HDG, with 1 ea Nut & 2 ea Flat Washer
15	24	ea	5/8" dia.x 7-1/2" long Machine Bolt, HDG, with 1 ea Nut & 2 ea Flat Washer
16	60	ea	# 3 Deformed Bar x 24-inch long, grade 40, epoxy coated
17	96	ea	# 4 Deformed Bar x 18-inch long, grade 40, epoxy coated
17b	48	ea	# 4 Deformed Bar x 24-inch long, grade 40, epoxy coated
17c	4	ea	# 4 Deformed Bar x 36-inch long, grade 40, epoxy coated
18	20	rolls	Tie Wire, gauge #16, 2-1/2lb rolls
19	24	ea	Simpson Strong-Tie DJT14Z Deck Joist Tie
20	56	ea	Simpson Strong-Tie H10ASS Hurricane Tie
21	16	ea	Simpson Strong-Tie H8SS Hurricane Tie
22	14	ea	Simpson Strong-Tie LUS28SS Joist Hanger
23	7	ea	CS16SS Coil Strap x 25' roll
24	140	ea	Simpson Strong-Tie H5SS Hurricane Tie
25	16	ea	Simpson Strong-Tie A34SS Framing Angle
26	6	rolls	0.31" Reflectix Roof Insulation, 4ft. x 25ft.
27	100	ea	2-1/2" SDS 25212 Wood Screw
28	40	ea	8d Nails x 2-1/2" long, HDG
29	10	lbs	8d Nails x 1-1/2" long, HDG
30	15	lbs	10d Nails x 3" long, HDG
31	36	lbs	16d Nails x 3-1/2" long, HDG
32	13	lbs	SSN10 Nails x 1-1/2" long
33	2	lbs	SS10d Nails x 3" long
34	3	lbs	SS8d Nails x 2-1/2" long
35	10	lbs	SSN8 Nails x 1-1/2" long
36	6	ea	4" Stainless Steel Hinge Loose Pin

37	12	ea	3-1/2" x 3-1/2" Stainless Steel Hinge
38	8	ea	Barrel Bolt, 4" Heavy Duty Stainless Steel
39	2	ea	Door Pull, Stainless Steel
40	20	ea	Ga. 26 Corrugated Galvalume Roof Sheets x 11'-0", approx 34" overall width
41	3	ea	Ga. 26 Pre-Fab Galvalume Ridge Cap x 8'
42	5	ea	5" K-Style Galvanized Steel Gutter, Ga. 26 x 10";see drawing
43	4	ea	5" K-Style Galvanized Steel End Cap (2ea for Left end & 2ea Right end)
44	24	ea	5" K-Style Gutter Hanger w/ clip, #40 Galvanized; see drawing
45	400	ea	2-1/2" Umbrella Roof Nail, HDG with neo washer, twisted shank
46	4	ea	Slip Joint Connector for K style Gutter, G.I.
47	2	ea	3" G.I. Round Outlet Tube/connector to 3" PVC Down Spout pipe
48	6	ea	3" 2-Hole Pipe Strap G.I.
49	2	ea	Roof Gutter Strainer or Drain round wire or dome type .
50	100	ea	1/8" dia. x 1/2" SS Blind Rivets
51	2	tubes	Flashing Roof Gutter Caulk, 10.1 oz. tube
52	2	ea	3" dia. x 20ft PVC Pipe, Sched. 40
53	4	ea	3" dia. x 90 deg. PVC Bend S40 3" dia. PVC Tee
54	1	ea	S40
55	1	ea	Oatey PVC Primer, 8 oz.
56	1	ea	Oatey PVC Cement, 8 oz.
57	1	ea	1,000 gal. Polyethylene Water Tank with Lid, food grade, stackable
58	1	ea	3/4" PVC Pipe x 10 ft sched. 40 3/4" PVC Union
59	1	ea	S40 3/4" PVC Ball
60	1	ea	Valve
61	2	ea	3/4" PVC 90 deg Bend S40
62	1	ea	3/4" HB Faucet, Brass
63	1	ea	3/4" Female Adapter, Sch 40
64	5	gal	Enamel Paint, interior/exterior, 5 gal pails, Light Color Tinted
65	2	gal	Primer Paint
66	2	sets	6" Paint Roller complete with Pan
67	2	ea	Paint brush 4"
68	2	ea	Paint brush 2"
69	2	rolls	ProMask Blue Painter's Tape (2" x 60 Yards)
70	1	gal	Copper-Green Wood Preservative
71	1	gal	Paint thinner

**B. ELECTRICAL MATERIALS**

1	1	ea	Weather Head (Service Entrance) Cap, 1-1/2"
2	1	ea	Riser Pipe, 1-1/2" x 10' SCh40 Galvanized Pipe
3	4	ea	2"x 6"x1/4 dia. U-Galvanized Rigid Conduit Pipe Mast bolt Clamps with 2-ea Nut & 2-ea Washer
4	1	ea	Meter Base, 100A, 2P, 3-Wire, Single Phase, Cutler Hammer, Zinc Chromate Coated, 10.88"H x 8"W x 3.5"D Model URS101BCH
5	1	ea	Meter Hub, 1-1/2"
6	1	ea	NEMA-1 Panel Board, 1-Phase, 2P, 3W, 120/240 V, with plug-in type 30A Main Circuit Breaker
7	0	ea	Circuit Breaker, 30 Amps, 2P ... <i>Per CPUC, this item can be deleted</i>
8	2	ea	Circuit Breaker, 20 Amps, 1P
9	1	ea	Rigid Conduit Nipple, 3/4" x 6" Long
10	1	ea	Rigid Conduit Nipple, 3/4" x 2" Long
11	1	ea	3/4 in. Rigid Chase Conduit Nipple
12	1	ea	3/4 in. Rigid Conduit Coupling
13	1	ea	3/4 in. Rigid Type LB Threaded Aluminum Conduit Body
14	2	ea	PVC Male Terminal Adapter, 3/4"
15	2	ea	Galvanized Steel Locknut, 3/4"
16	1	ea	Plastic Insulating Bushing, 3/4"
17	8	ea	Electrical PVC Conduit Sched 40, 1/2" x 10'
18	1	ea	Electrical PVC Conduit Sched 40, 3/4" x 10'
19	10	ea	PVC Male Terminal Adapter, 1/2"
20	10	ea	Galvanized Steel Locknut, 1/2"
21	10	ea	Plastic Insulating Bushing, 1/2"
22	2	ea	Metal Octagonal Box, 4" x 1-1/2" deep w/ 1/2" KO
23	1	ea	3/4 in. Rigid Conduit Pull Elbow
24	1	ea	4" x 2-1/8"x 1-7/8"D. Metal 1 Gang Recept. box w/mounting bkt, 1/2" KO model 58361-C-1/2
25	1	ea	4" x 2-1/8"x 1-7/8"D. Metal 1 Gang Switch box w/mounting bkt, 1/2" KO model 58361-C-1/2
26	1	ea	Single Gang, Single Pole , 2 switches Stacked, 120/277V, Ivory
27	1	ea	One-Gang, (2) Switch Plate Cover, Ivory
28	1	ea	Duplex Receptacle (Convenience Outlet) 15A, 125V w/ Ground, Ivory
29	1	ea	Duplex Receptacle Plate Cover, Ivory
30	2	ea	4x4 light receptacle ( Porcelain keyless lamp holder )
31	2	ea	13-W compact Fluorescent energy saving lamp (ESL) daylight color
32	1	ea	8' Copper Ground Rod, 5/8" dia.

32	1	ea	Ground Rod Clamp
33	12	LF	Ground Wire, # 6 copper Bare
34	2	LF	Electrical Tape, 3/4" x 60 'rl
35	3	pks	1/2" galvanized steel 2 hole pipe strap (10pcs/pack)

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**NOTES :**

1. All lumbers and plywoods shall be CA-C treated (not CCA).
2. 23-sets of this BoQ (complete w/ electrical items) will cover the balance to complete the 123 units of "Destroyed" houses in Weno
3. BoQ for the Electrical was generated based from the meeting between CPUC and IOM
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