**Project Title : CONSTRUCTION OF PAGASA SYNOPTIC BLDG., POWERHOUSE, OBSERVER'S QUARTER AND PERIMTER FENCE IN IQUIRINO**
**Location : PROVINCIAL CAPITOL, CABARROGUIS, Q**
**Subject : DETAILED COST BREAKDOWN**

| | | | | | ESTIMATED DIRECT COST (EDC) | | | | INDIRECT COST (IC) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ITEM / DESCRIPTION | QTY. | UNIT | UNIT COST | MATERIAL | LABOR | EQUIPMENT | DIRECT COST | OVERHEAD | CONTIGENCIES | MISCELLANEOUS | PROFIT | VAT-COMPONENT | TOTAL AMOUNT | UNIT COST |
| **A** | **CONSTRUCTION OF SYNOPTIC BUILDING** | | | | | | | | | | | | | | |
| **1** | **General Requirements** | | | | | | | | | | | | | | |
| | Permits, Clearances & Other Government Requirements | 1.00 | lot | | | | | | | | | | | | |
| | Temporary Facility (for PAGASA Engineers) | 1.00 | lot | | | | | | | | | | | | |
| | Mobilization and Demobilization | 1.00 | lot | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **2** | **EXCAVATION** | | | | | | | | | | | | | | |
| | Wall Foundation | 6.50 | cu.m | | | | | | | | | | | | |
| | Column Foundation | 16.00 | cu.m | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **3** | **BACK FILLING** | | | | | | | | | | | | | | |
| | Filling materials((8mx12mx1.0m)+.20% compaction | 115.20 | cu.m | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **4** | **MASONRY/PLASTERING/CONCRETING** | | | | | | | | | | | | | | |
| | CHB #4" | 233.00 | pcs | | | | | | | | | | | | |
| | CHB #6" | 1,617.00 | pcs | | | | | | | | | | | | |
| | CEMENT | 496.00 | bags | | | | | | | | | | | | |
| | SAND | 33.00 | cu.m | | | | | | | | | | | | |
| | GRAVEL 3/4 | 30.00 | cu.m | | | | | | | | | | | | |
| | Sahara water proofing | 40.00 | kg | | | | | | | | | | | | |
| | 10mm dia. Deformed steeel bars | 324.00 | pcs | | | | | | | | | | | | |
| | 12mm dia. Deformed steel bars | 143.00 | pcs | | | | | | | | | | | | |
| | 16mm dia. Deformed steel bars | 170.00 | pcs | | | | | | | | | | | | |
| | 8mm dia. RSB | 69.00 | pcs | | | | | | | | | | | | |
| | TIE WIRE # 16 | 65.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **5** | **ROOFING** | | | | | | | | | | | | | | |
| | 1/4"thk x 1.5" x 20' Angular Bar | 48.00 | pcs | | | | | | | | | | | | |
| | 1/4"thk x 2" x 20' Angular Bar | 22.00 | pcs | | | | | | | | | | | | |
| | GA 16 x 211 x4" x 20' C Purlin | 30.00 | pcs | | | | | | | | | | | | |
| | Flat Bar 3/16" thk x 2" x 20' | 8.00 | pcs | | | | | | | | | | | | |
| | 12mm Round Bar | 17.00 | pcs | | | | | | | | | | | | |
| | 8" Length Turn - Buckle | 16.00 | pcs | | | | | | | | | | | | |
| | Welding rod 1/18" | 25.00 | kg | | | | | | | | | | | | |
| | Pre-painted Rib Type roofing Ga .5m x 10' | 64.00 | pcs | | | | | | | | | | | | |

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| | G.I. Ridge Roll GA 24 (pre-painted) | 8.00 | pcs | | | | | | | | | | | | |
| | G.I. Gutter GA 24(pre-painted) | 10.00 | pcs | | | | | | | | | | | | |
| | G.I. Flashing GA 24 | 6.00 | pcs | | | | | | | | | | | | |
| | Tex Screw | 1,000.00 | pcs | | | | | | | | | | | | |
| | G.I Hip Ron GA 24 | 13.00 | pcs | | | | | | | | | | | | |
| | Vulca Seal Sealant | 1.00 | gal | | | | | | | | | | | | |
| | G I wire # 16 | 2.00 | kg | | | | | | | | | | | | |
| | Red Oxide metal Primer Paint | 3.00 | gals | | | | | | | | | | | | |
| | Paint thinner | 1.00 | gal | | | | | | | | | | | | |
| | Paint brush 2" | 3.00 | pcs. | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **6** | **CEILING** | | | | | | | | | | | | | | |
| | 2" x 2" x 10" Ro. | 178.00 | pcs. | | | | | | | | | | | | |
| | Hardiflex Lite w/ Hardi nail | 37.00 | pcs. | | | | | | | | | | | | |
| | 1" x 2" x 10' kd | 41.00 | pcs. | | | | | | | | | | | | |
| | 1" x 1" x 10' Quarter C | 42.00 | pcs. | | | | | | | | | | | | |
| | 1" x 1"x 10' KD S4S | 48.00 | pcs. | | | | | | | | | | | | |
| | 1" x 6" x 10' -do- | 11.00 | pcs. | | | | | | | | | | | | |
| | 1" x 6" x 14' -do- | 2.00 | pcs. | | | | | | | | | | | | |
| | 1" x 2" x 14' -do- | 3.00 | pcs. | | | | | | | | | | | | |
| | carpenter glue | 1.00 | lit. | | | | | | | | | | | | |
| | screen mesh 1/8 | 4.00 | mtrs | | | | | | | | | | | | |
| | common wire nail 3" | 10.00 | kg | | | | | | | | | | | | |
| | common wire nail 2" | 6.00 | kg | | | | | | | | | | | | |
| | finishing nails 2" | 2.00 | kg | | | | | | | | | | | | |
| | finishing nails 1 1/2" | 3.00 | kg | | | | | | | | | | | | |
| | finishing nails 1" | 3.50 | kg | | | | | | | | | | | | |
| | concrete nail 3" | 2.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **7** | **DOORS AND WINDOWS** | | | | | | | | | | | | | | |
| | tanquile panel door(0.90 m x 2.10m) | 2.00 | sets | | | | | | | | | | | | |
| | w/ 2" x 5" yakal door jamb | | | | | | | | | | | | | | |
| | tanquile panel door w/ 3 mm thik glass pane upper portion and lumber at lower portion ( 0.70m x 2.10 m ) and yakal door jamb | 1.00 | sets | | | | | | | | | | | | |
| | Tanguile Panel Door ( 0.80m x 2.10 m) | 1.00 | sets | | | | | | | | | | | | |
| | w/ 2" x 5" yakal door jamb | | | | | | | | | | | | | | |
| | plastic door ( 0.65m x 2.10m) | 1.00 | set | | | | | | | | | | | | |

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| | Steel casement window w/3mm thk clear glass cover | 2.00 | sets | | | | | | | | | | | | |
| | w/12mm sq. bar protective grills (2.10m x 1.30m | | | | | | | | | | | | | | |
| | Steel casement window w/3mm thk clear glass cover | 4.00 | sets | | | | | | | | | | | | |
| | w/12mm sq. bar protective grills (1.40m x 1.30m) | | | | | | | | | | | | | | |
| | Steel casement window w/3mm thk clear glass cover | 2.00 | set | | | | | | | | | | | | |
| | w/12mm sq. bar protective grills (0.70m x 1.30m) | | | | | | | | | | | | | | |
| | Steel casement window w/3mm thk clear glass cover | 1.00 | sets | | | | | | | | | | | | |
| | w/12mm sq. bar protective grills (0.70m x 0.50m) | | | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **8** | **DOOR ACCESSORIES** | | | | | | | | | | | | | | |
| | loose pin hinges 4" x 4" | 18.00 | pcs | | | | | | | | | | | | |
| | door lockset yale | 5.00 | sets | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **9** | **ELECTRICAL WORKS** | | | | | | | | | | | | | | |
| | **(A).** | | | | | | | | | | | | | | |
| | **I.** Panel Board | | | | | | | | | | | | | | |
| | Panel Board NEMA Enclosure, Gray Coated, Surface Mounted, Gauge 16, Bolt-On, 1 main Circuit Breaker, 2 Pole w/ 8 branches,<br>8 - 2 pole<br>1 pc main 60AT, 60AF, 2 pole, 250VAC, 25 KAIC, Bolt-On, 6 pcs. 20AT, 60AF, 2pole<br>2 pcs. 30AT, 60AF, 2pole<br>ALL SQUARE D | 1.00 | set | | | | | | | | | | | | |
| | **II.** Wires | | | | | | | | | | | | | | |
| | 14mm² THHN Black (Philflex) | 70.00 | mtrs. | | | | | | | | | | | | |
| | 3.5mm² THHN Black (Philflex) | 1.00 | roll | | | | | | | | | | | | |
| | 2.0mm² THHN Black (Philflex) @ 150m/roll | 2.00 | rolls | | | | | | | | | | | | |
| | 8.0mm² THHN Green (Philflex) @ 150m/roll | 35.00 | rolls | | | | | | | | | | | | |

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| | 2.0mm² THHN Green (Philflex) @ 150m/roll | 1.50 | rolls | | | | | | | | | | | | |
| | **III.** Pipes, Fittings, and Boxes | | | | | | | | | | | | | | |
| | 25mmØ PVC Pipe @ 3m/length | 8.00 | pcs | | | | | | | | | | | | |
| | 20mmØ PVC Pipe @ 3m/length | 2.00 | pcs | | | | | | | | | | | | |
| | 15mmØ PVC Pipe @ 3m/length | 70.00 | pcs | | | | | | | | | | | | |
| | 25mmØ PVC adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |
| | 20mmØ PVC adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |
| | 15mmØ PVC adapter, locknut, and bushing | 60.00 | pcs | | | | | | | | | | | | |
| | 2 x 4 PVC Utility box | 20.00 | pcs | | | | | | | | | | | | |
| | Octagonal Box (PVC) | 20.00 | pcs | | | | | | | | | | | | |
| | **IV.** Electrical Devices | | | | | | | | | | | | | | |
| | Single switch w/ Plate & Cover | 3.00 | sets | | | | | | | | | | | | |
| | Duplex switch w/ Plate & Cover | 4.00 | sets | | | | | | | | | | | | |
| | Duplex convenience outlet w/ Plate & Cover | 11.00 | sets | | | | | | | | | | | | |
| | **V.** Lighting Fixture | | | | | | | | | | | | | | |
| | Pinlight | 7.00 | pcs. | | | | | | | | | | | | |
| | 5W LED bulb | 14.00 | pcs. | | | | | | | | | | | | |
| | Receptacle | 7.00 | pcs. | | | | | | | | | | | | |
| | 40w fluorescent lamp fixture | 5.00 | pcs. | | | | | | | | | | | | |
| | **VI.** Miscellaneous materials | | | | | | | | | | | | | | |
| | Electrical tape | 25.00 | rolls | | | | | | | | | | | | |
| | Rubber tape | 20.00 | rolls | | | | | | | | | | | | |
| | Masking tape, 1 inch | 25.00 | rolls | | | | | | | | | | | | |
| | Mica Tube, 1/2" dia | 5.00 | mtrs | | | | | | | | | | | | |
| | PVC Solvent Cement | 1.00 | lits | | | | | | | | | | | | |
| | Gi Wire, guage 16 | 5.00 | kg | | | | | | | | | | | | |
| | Tox & Screw(100 pairs) | 3.00 | box | | | | | | | | | | | | |
| | Hacksaw blades | 2.00 | kg | | | | | | | | | | | | |
| | Drill Bits(assorted for Metal & masonry) | 2.00 | box | | | | | | | | | | | | |
| | Hangers, brackets and fasteners | 1.00 | lot | | | | | | | | | | | | |
| | **VII.** Perimeter Lights | | | | | | | | | | | | | | |
| | Column Lights | 3.00 | sets | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **10** | **PLUMBING** | | | | | | | | | | | | | | |
| | 8" x 8" wall tiles | 240.00 | pcs | | | | | | | | | | | | |
| | floor tiles 8" x 8" non skid | 70.00 | pcs | | | | | | | | | | | | |
| | plastic tile trim x 24 om | 4.00 | pcs | | | | | | | | | | | | |
| | tile adhesive | 3.00 | bags | | | | | | | | | | | | |

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| | ABC grant 5kg/pack | 2.00 | packs | | | | | | | | | | | | |
| | faucet w/ hose bibb | 3.00 | pcs | | | | | | | | | | | | |
| | soap holder | 1.00 | pc | | | | | | | | | | | | |
| | tissue holder | 1.00 | pc | | | | | | | | | | | | |
| | PVC pipe 1/2 dia. X 10' moldex | 20.00 | pcs | | | | | | | | | | | | |
| | PVC tee 1/2 | 8.00 | pcs | | | | | | | | | | | | |
| | PVC tee w/ thread 1/2 | 1.00 | pc | | | | | | | | | | | | |
| | PVc coupling 1/2 | 10.00 | pcs | | | | | | | | | | | | |
| | PVC elbow 1/2 | 11.00 | pcs | | | | | | | | | | | | |
| | G.I. Bushing 1/2 x 3/8 | 2.00 | pcs | | | | | | | | | | | | |
| | G.I. Nipple 3/8 x 2" | 2.00 | pcs | | | | | | | | | | | | |
| | PVC male adaptor 1/2 | 6.00 | pcs | | | | | | | | | | | | |
| | shower valve | 1.00 | set | | | | | | | | | | | | |
| | shower head | 1.00 | set | | | | | | | | | | | | |
| | teflon tape | 4.00 | rolls | | | | | | | | | | | | |
| | gate valve 1/2 | 1.00 | pc | | | | | | | | | | | | |
| | check valve 1/2 | 1.00 | pc | | | | | | | | | | | | |
| | water closet w/ tank and fixtures | 1.00 | unit | | | | | | | | | | | | |
| | porcelain lavatory (16" x 20") | 1.00 | set | | | | | | | | | | | | |
| | PVC solvent | 2.00 | lit. | | | | | | | | | | | | |
| | PVC pipe neltex 4" x 10' S1000 | 20.00 | pcs | | | | | | | | | | | | |
| | PVC pipe neltex 3" x 10" S600 | 24.00 | pcs | | | | | | | | | | | | |
| | PVC pipe neltex 2" x 10" S600 | 3.00 | pcs | | | | | | | | | | | | |
| | PVC pipe neltex elbow 3" | 36.00 | pcs | | | | | | | | | | | | |
| | PVC 45 degree bend elbow 4" | 6.00 | pcs | | | | | | | | | | | | |
| | PVC elbow 4" | 3.00 | pcs | | | | | | | | | | | | |
| | PVC wye 4" neltex | 1.00 | pc | | | | | | | | | | | | |
| | PVC wye 4" x 2" neltex | 3.00 | pcs | | | | | | | | | | | | |
| | PVC 2" 1/8 bend | 6.00 | pcs | | | | | | | | | | | | |
| | PVC tee 2" | 2.00 | pcs | | | | | | | | | | | | |
| | PVC - elbow 2" | 3.00 | pcs | | | | | | | | | | | | |
| | PVC - clean out 4" | 1.00 | pcs | | | | | | | | | | | | |
| | PVC tee 4" x 2" | 3.00 | pcs | | | | | | | | | | | | |
| | PVC tee 3" | 1.00 | pc | | | | | | | | | | | | |
| | PVC p-trap 2" | 1.00 | pc | | | | | | | | | | | | |
| | Floor drain stainless 4" x 4" | 1.00 | pc | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **11** | **PAINTING** | | | | | | | | | | | | | | |
| | semi gloss latex | 4.00 | tlc | | | | | | | | | | | | |

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| | latex flat paint | 4.00 | t/cans | | | | | | | | | | | | |
| | flat wall enamel paint | 4.00 | Gals | | | | | | | | | | | | |
| | quick dry enamel paint | 6.00 | Gals | | | | | | | | | | | | |
| | red oxide metal primer paint | 2.00 | Gals | | | | | | | | | | | | |
| | QDE chors brown | 1.00 | gal | | | | | | | | | | | | |
| | paint thinner | 4.00 | gals | | | | | | | | | | | | |
| | latex t/t color r seinna | 2.00 | lit. | | | | | | | | | | | | |
| | latex t/t color toludine red | 1.00 | lit. | | | | | | | | | | | | |
| | latex t/t color lamp black | 1.00 | ml | | | | | | | | | | | | |
| | t/t color in oil r. sienna | 2.00 | lit. | | | | | | | | | | | | |
| | t/t color bulletin bed | 1.00 | lit. | | | | | | | | | | | | |
| | t/t color lamp black | 1.00 | ml | | | | | | | | | | | | |
| | valspar varnish | 1.00 | gal | | | | | | | | | | | | |
| | patching compound | 5.00 | kg | | | | | | | | | | | | |
| | sandpaper #80 | 2.00 | metre | | | | | | | | | | | | |
| | sandpaper #120 & 400 | 12.00 | shts | | | | | | | | | | | | |
| | concrete neutralizer | 2.00 | gals | | | | | | | | | | | | |
| | paint brush 1" | 2.00 | pcs | | | | | | | | | | | | |
| | paint brush 2" | 2.00 | pcs | | | | | | | | | | | | |
| | paint roller w/ tray 7" | 2.00 | sets | | | | | | | | | | | | |
| | paint roller foam 7" | 2.00 | pcs | | | | | | | | | | | | |
| | printing rags | 1.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **12** | **FLOOR FINISHING** | | | | | | | | | | | | | | |
| | Ceramic Tiles 12 x 12 | 670.00 | pcs | | | | | | | | | | | | |
| | Tile adhesive | 15.00 | bags | | | | | | | | | | | | |
| | ABC Grout 2 kg/pck | 10.00 | packs | | | | | | | | | | | | |
| | washed-out pebbles #15 | 10.00 | t/cans | | | | | | | | | | | | |
| | muriatic acid | 1.00 | gal | | | | | | | | | | | | |
| | Brass strip | 22.00 | mtrs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **13** | **WATER PROOFING OF CONCRETE GUTTER** | | | | | | | | | | | | | | |
| | weathercote elastomeric paint | 16.00 | gals | | | | | | | | | | | | |
| | water plug water profing | 4.00 | gals | | | | | | | | | | | | |
| | paint brush 4" | 4.00 | pcs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **14** | **ANTI TERMITES** | | | | | | | | | | | | | | |
| | chlordane | 6.00 | gals | | | | | | | | | | | | |

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| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **B** | **FOR ELECTRICAL SERVICE ENTRANCE POST, SEPTIC TANK, CATCH BASIN AND CONCRETE CANAL** | | | | | | | | | | | | | | |
| **1** | | | | | | | | | | | | | | | |
| | cement | 63.00 | bags | | | | | | | | | | | | |
| | Sand | 5.00 | cu.m | | | | | | | | | | | | |
| | Gravel 3/4 | 4.50 | cu.m | | | | | | | | | | | | |
| | 12mm dia. Deformed steel bars | 7.00 | pcs | | | | | | | | | | | | |
| | 10mm dia. Deformed steeel bars | 93.00 | pcs | | | | | | | | | | | | |
| | 8mm RSB | 6.00 | pcs | | | | | | | | | | | | |
| | 6mm RSB | 38.00 | pcs | | | | | | | | | | | | |
| | concrete hollow block 4" | 630.00 | pcs | | | | | | | | | | | | |
| | tee wire #16 | 10.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **2** | **FORMS AND SCAFFOLDING** | | | | | | | | | | | | | | |
| | 2" x 4" x 10" coco lumber | 400.00 | pcs | | | | | | | | | | | | |
| | 1/2" plywood | 4.00 | pcs | | | | | | | | | | | | |
| | 2" x 3" x 12' plywood | 200.00 | pcs | | | | | | | | | | | | |
| | 2" x 2" x 12' plywood | 150.00 | pcs | | | | | | | | | | | | |
| | 1/4" thik plywood ordinary | 47.00 | pcs | | | | | | | | | | | | |
| | coal tar | 4.00 | gals | | | | | | | | | | | | |
| | used oil | 6.00 | gals | | | | | | | | | | | | |
| | 3" common wire nail | 1.00 | kg | | | | | | | | | | | | |
| | common nail assorted 4" & 2" | 1.00 | kg | | | | | | | | | | | | |
| | 1" common wire nail | 5.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **C** | **CONSTRUCTION OF POWERHOUSE AND OBSERVER'S QUARTER** | | | | | | | | | | | | | | |
| **1** | **EXCAVATION WORK** | | | | | | | | | | | | | | |
| | Wall Foundation | 4.80 | Cu.M | | | | | | | | | | | | |
| | Column Foundation | 10.00 | Cu.M | | | | | | | | | | | | |
| | Equipment | 1.00 | set | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **2** | **BACK FILLING MATERIALS** | | | | | | | | | | | | | | |
| | Filling Materials (6mx11mx1m)+20%compaction) | 79.20 | Cu.M | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |

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**Location : PROVINCIAL CAPITOL, CABARROGUIS, Q**
**Subject : DETAILED COST BREAKDOWN**

| | | | | | ESTIMATED DIRECT COST (EDC) | | | | INDIRECT COST (IC) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ITEM / DESCRIPTION | QTY. | UNIT | UNIT COST | MATERIAL | LABOR | EQUIPMENT | DIRECT COST | OVERHEAD | CONTIGENCIES | MISCELLANEOUS | PROFIT | VAT-COMPONENT | TOTAL AMOUNT | UNIT COST |
| 3 | **MASONRY/PLASTERING WORKS/CONCRETING WORKS OF ALL** | | | | | | | | | | | | | | |
| | (Column,Tie Beams, Lentel Beams and concrete deck in genhouse portion) | | | | | | | | | | | | | | |
| | CHB #4" | 200.00 | pcs | | | | | | | | | | | | |
| | CHB #6" | 1,100.00 | pcs | | | | | | | | | | | | |
| | Cement | 200.00 | bags | | | | | | | | | | | | |
| | Sand | 17.00 | Cu.M | | | | | | | | | | | | |
| | Gravel 3/4 | 12.00 | Cu.M | | | | | | | | | | | | |
| | Sahara water proofing | 60.00 | kg | | | | | | | | | | | | |
| | Tie Wire # 16 | 17.00 | kg | | | | | | | | | | | | |
| | 10mm dia. Deformed steeel bars | 65.00 | pcs | | | | | | | | | | | | |
| | 16mm dia. Deformed steel bars | 110.00 | pcs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| 4 | **ROOFING WORKS** | | | | | | | | | | | | | | |
| | 6mm X 38mm X 6.00m ANGULAR BAR | 46.00 | pcs | | | | | | | | | | | | |
| | C -Purlins GA 16 x 2" x 4" x 20' | 26.00 | pcs | | | | | | | | | | | | |
| | 12mm round bar | 16.00 | pcs | | | | | | | | | | | | |
| | welding rod 1/8 size | 20.00 | kgs | | | | | | | | | | | | |
| | Pre-painted Rib type GA 24 x 10' | 40.00 | pcs | | | | | | | | | | | | |
| | Tekscrew | 400.00 | pcs | | | | | | | | | | | | |
| | G.I. Ridge Roll GA 24 (pre-painted) | 8.00 | pcs | | | | | | | | | | | | |
| | Plain G.I. Sheets GA 24 | 4.00 | pcs | | | | | | | | | | | | |
| | Vulcaseal Sealant | 3.00 | lit | | | | | | | | | | | | |
| | G.I. Flashing GA 24 | 6.00 | pcs | | | | | | | | | | | | |
| | Concrete nail 1" | 1.00 | kg | | | | | | | | | | | | |
| | Stainless Steel Gutter GA 24 | 10.00 | pcs | | | | | | | | | | | | |
| | Black screw 2" | 100.00 | pcs | | | | | | | | | | | | |
| | Black screw 1" | 100.00 | pcs | | | | | | | | | | | | |
| | 1" x 10" x 12' Hardi senepa | 14.00 | pcs | | | | | | | | | | | | |
| | G.I. Tie Wire # 16 | 2.00 | kg | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| 5 | **PLUMBING** | | | | | | | | | | | | | | |
| | 2" x 10' S 1000 Neltex PVC pipe | 3.00 | pc | | | | | | | | | | | | |
| | 4 x 10 S 1000 Neltex PVC pipe | 3.00 | pcs | | | | | | | | | | | | |
| | 4" x 4" PVC Wye Neltex | 1.00 | pcs | | | | | | | | | | | | |
| | 2" x 4" -do- | 3.00 | pcs | | | | | | | | | | | | |
| | 2" x 4" PVC Tee Neltex | 3.00 | pcs | | | | | | | | | | | | |

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**Subject : DETAILED COST BREAKDOWN**

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| | ITEM / DESCRIPTION | QTY. | UNIT | UNIT COST | MATERIAL | LABOR | EQUIPMENT | DIRECT COST | OVERHEAD | CONTIGENCIES | MISCELLANEOUS | PROFIT | VAT-COMPONENT | TOTAL AMOUNT | UNIT COST |
| | 4" x 1/8 bend neltex | 2.00 | pcs | | | | | | | | | | | | |
| | PVC # 4" elbow nyltex | 1.00 | pc | | | | | | | | | | | | |
| | 2" PVC Tee neltex | 3.00 | pcs | | | | | | | | | | | | |
| | PVC #2" elbow | 2.00 | pcs | | | | | | | | | | | | |
| | 4" PVC clean out nyltex | 1.00 | pc | | | | | | | | | | | | |

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| | PVC P-Trap #2" | 1.00 | pcs | | | | | | | | | | | | |
| | paint roller foam 7" | 2.00 | pcs | | | | | | | | | | | | |
| | paint brush 4" | 2.00 | pcs | | | | | | | | | | | | |
| | welding rod | 10.00 | kg | | | | | | | | | | | | |
| | Tile Cutting 4" size | 1.00 | pcs | | | | | | | | | | | | |
| | Floor drain stainless | 1.00 | pcs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **6** | **WATER LINE** | | | | | | | | | | | | | | |
| | pvc water pipe s-blue | 15.00 | pcs | | | | | | | | | | | | |
| | pvc elbow 1/2 | 20.00 | pcs | | | | | | | | | | | | |
| | pvc elbow 1/2 w/thread | 3.00 | pcs | | | | | | | | | | | | |
| | PVC male adapter 1/2 | 14.00 | pcs | | | | | | | | | | | | |
| | PVC coupling 1/2 | 10.00 | pcs | | | | | | | | | | | | |
| | PVC Tee 1/2 | 5.00 | pcs | | | | | | | | | | | | |
| | gate valve 1/2 | 2.00 | pcs | | | | | | | | | | | | |
| | swing valve 1/2 | 4.00 | pcs | | | | | | | | | | | | |
| | teflon tape | 2.00 | rolls | | | | | | | | | | | | |
| | faucet | 3.00 | pcs | | | | | | | | | | | | |
| | reducing bushing 1/2 x 3/8 | 1.00 | pc | | | | | | | | | | | | |
| | G.I. Nipple 3/8 x 2" | 1.00 | pc | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **7** | **DOWNSPOUT AND DRAINAGE SYSTEM** | | | | | | | | | | | | | | |
| | 3" X 10' pvc PIPE S 600 | 4.00 | pcs | | | | | | | | | | | | |
| | pvc ELBOW 3" | 16.00 | pcs | | | | | | | | | | | | |
| | 4 " X 10' pvc PIPE NELTEX S1000 | 7.00 | pcs | | | | | | | | | | | | |
| | PVC solvent | 1.00 | lit | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **8** | **DOORS AND WINDOWS** | | | | | | | | | | | | | | |
| | steel Casement window w/glass pane 1.40m x 1.10m | 6.00 | sets | | | | | | | | | | | | |
| | Plastic door/jamb ( 0.65m x 2.10m ) | 2.00 | set | | | | | | | | | | | | |
| | Steel Casement window 0.80m x 1.10m w/Glass pane | 2.00 | set | | | | | | | | | | | | |
| | Steel Casement window .80m x 0.70m w/glass pane | 2.00 | set | | | | | | | | | | | | |
| | Steel Casement Window .5m x .50m w/Glass pane | 2.00 | set | | | | | | | | | | | | |

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| | FLUSH- DOOR(.70m x 2.10m) w/ 2" x 4" door jamp | 2.00 | unit | | | | | | | | | | | | |
| | FLUSH- DOOR(.80m x 2.10m) w/ 2" x 5" door jamp | 2.00 | unit | | | | | | | | | | | | |
| | Loose pin hinges | 12.00 | pcs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **9** | **ELECTRICAL WORKS** | | | | | | | | | | | | | | |
| | **(A).** | | | | | | | | | | | | | | |
| | **I.** Panel Board | | | | | | | | | | | | | | |
| | Panel Board NEMA Enclosure, Gray Coated, Surface Mounted, Gauge 16, Bolt-On, 1 main Circuit Breaker, 2 Pole w/ 8 branches,<br>8 - 2 pole<br>1 pc main 100AT, 225AF, 2 pole, 250VAC, 25 KAIC, Bolt-On, 6 pcs. 20AT, 60AF, 2pole<br>1 pc. 30AT, 60AF, 2pole<br>1 pc. 60AT, 60AF, 2pole<br>ALL SQUARE D | 1.00 | set | | | | | | | | | | | | |
| | 100AT, 2P, 230V Circuit Breaker in NEMA 4X enclosure | 1.00 | set | | | | | | | | | | | | |
| | **II.** Wires | | | | | | | | | | | | | | |
| | 30mm² THHN Black (Philflex) | 100.00 | mtrs. | | | | | | | | | | | | |
| | 3.5mm² THHN Black (Philflex) | 1.00 | roll | | | | | | | | | | | | |
| | 2.0mm² THHN Black (Philflex) @ 150m/roll | 2.00 | rolls | | | | | | | | | | | | |
| | 14mm² THHN Green (Philflex) @ 150m/roll | 50.00 | rolls | | | | | | | | | | | | |
| | 2.0mm² THHN Green (Philflex) @ 150m/roll | 1.50 | rolls | | | | | | | | | | | | |
| | **III.** Pipes, Fittings, and Boxes | | | | | | | | | | | | | | |
| | 32mmØ RSC @ 3m/length | 2.00 | lngth. | | | | | | | | | | | | |
| | 32mmØ PVC Pipe @ 3m/length | 15.00 | pcs. | | | | | | | | | | | | |
| | 32mmØ metallic service entrance cap | 1.00 | pc. | | | | | | | | | | | | |
| | 25mmØ PVC Pipe @ 3m/length | 8.00 | pcs | | | | | | | | | | | | |
| | 20mmØ PVC Pipe @ 3m/length | 4.00 | pcs | | | | | | | | | | | | |
| | 15mmØ PVC Pipe @ 3m/length | 80.00 | pcs | | | | | | | | | | | | |
| | 32mmØ PVC adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |
| | 32mmØ metallic adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |
| | 25mmØ PVC adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |
| | 20mmØ PVC adapter, locknut, and bushing | 2.00 | pcs | | | | | | | | | | | | |

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| | 15mmØ PVC adapter, locknut, and bushing | 60.00 | pcs | | | | | | | | | | | | |
| | 2 x 4 PVC Utility box | 16.00 | pcs | | | | | | | | | | | | |
| | Octagonal Box (PVC) | 15.00 | pcs | | | | | | | | | | | | |
| | **IV.** Electrical Devices | | | | | | | | | | | | | | |
| | Single switch w/ Plate & Cover | 4.00 | sets | | | | | | | | | | | | |
| | Duplex switch w/ Plate & Cover | 1.00 | sets | | | | | | | | | | | | |
| | Duplex convenience outlet w/ Plate & Cover | 11.00 | sets | | | | | | | | | | | | |
| | ACU outlet w/ Plate & Cover | 1.00 | set | | | | | | | | | | | | |
| | **V.** Lighting Fixture | | | | | | | | | | | | | | |
| | 5W LED bulb | 8.00 | pcs. | | | | | | | | | | | | |
| | Receptacle | 8.00 | pcs. | | | | | | | | | | | | |
| | 40w fluorescent lamp fixture | 5.00 | pcs. | | | | | | | | | | | | |
| | **VI.** Miscellaneous materials | | | | | | | | | | | | | | |
| | Electrical tape | 25.00 | rolls | | | | | | | | | | | | |
| | Rubber tape | 20.00 | rolls | | | | | | | | | | | | |
| | Mica Tube, 1/2" dia | 5.00 | mtrs | | | | | | | | | | | | |
| | PVC Solvent Cement | 1.00 | lits | | | | | | | | | | | | |
| | Gi Wire, guage 16 | 5.00 | kg | | | | | | | | | | | | |
| | Tox & Screw(100 pairs) | 3.00 | box | | | | | | | | | | | | |
| | Hacksaw blades | 2.00 | kg | | | | | | | | | | | | |
| | Drill Bits(assorted for Metal & masonry) | 2.00 | box | | | | | | | | | | | | |
| | Hangers, brackets and fasteners | 1.00 | lot | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **10** | **Ceiling Works** | | | | | | | | | | | | | | |
| | 2" X 2" X 10' metal furing | 124.00 | pcs | | | | | | | | | | | | |
| | Quarter Moulding 2 1/2 x 2 1/2" | 12.00 | pcs | | | | | | | | | | | | |
| | hardiflex ligth w/nails | 26.00 | pcs | | | | | | | | | | | | |
| | 1/4" thik plywood ordinary | 3.00 | pcs | | | | | | | | | | | | |
| | 2" C.W. NAIL | 5.00 | kg | | | | | | | | | | | | |
| | 3" C.W. NAIL | 3.00 | kg | | | | | | | | | | | | |
| | solignum brown | 1.00 | gals | | | | | | | | | | | | |
| | concrete nail 3" | 1.00 | kg | | | | | | | | | | | | |
| | screen mesh 1/8 size | 1.00 | mtrs | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |

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| 11 | **TILE WORKS for comport room** | | | | | | | | | | | | | | |
| | Floor Tiles 12"x 12"(granite) | 460.00 | pcs | | | | | | | | | | | | |
| | Cement | 10.00 | kg | | | | | | | | | | | | |
| | Tile Grout 2 kg/pck | 10.00 | pack | | | | | | | | | | | | |
| | Tile Adhesive | 32.00 | bags | | | | | | | | | | | | |
| | Tile trim | 3.00 | pcs | | | | | | | | | | | | |
| | PVC solvent | 2.00 | lit | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| 12 | **TILE WORKS for comport room** | | | | | | | | | | | | | | |
| | Water Closet w/ tank fitting | 1.00 | unit | | | | | | | | | | | | |
| | Floor Tiles 12"x 12" | 45.00 | pcs | | | | | | | | | | | | |
| | Wall Tiles 12"x 12" | 180.00 | pcs | | | | | | | | | | | | |
| | Lavatory Sink 40x60m(stainless) | 1.00 | set | | | | | | | | | | | | |
| | Lavatory Sink Ceramic 30cmx30cm | 1.00 | set | | | | | | | | | | | | |
| | White Cement | 2.00 | kg | | | | | | | | | | | | |
| | Tile Grout 2 kg/pck | 10.00 | pack | | | | | | | | | | | | |
| | Tile Adhesive | 4.00 | bags | | | | | | | | | | | | |
| | PVC solvent | 1.00 | lit | | | | | | | | | | | | |
| | **Sub-Total** | | | | | | | | | | | | | | |
| 13 | **Painting** | | | | | | | | | | | | | | |
| | Boysen Paint semi Gloss latex | 3.00 | t/can | | | | | | | | | | | | |
| | Latex white flat | 3.00 | t/can | | | | | | | | | | | | |
| | Boysen Paint Flat wall Enamel | 4.00 | gals | | | | | | | | | | | | |
| | Quick dry enamel | 4.00 | gals | | | | | | | | | | | | |
| | Paint Thinner | 3.00 | gals | | | | | | | | | | | | |
| | Calsoumine | 10.00 | kg | | | | | | | | | | | | |
| | Patching Compound | 5.00 | kg | | | | | | | | | | | | |
| | redoxide metal primer paint | 3.00 | gals | | | | | | | | | | | | |
| | Acri color raw Sienna | 2.00 | can/lit | | | | | | | | | | | | |
| | Acri color Tadoline red | 1.00 | can/lit | | | | | | | | | | | | |
| | Acri color lmap black | 1.00 | c/80L | | | | | | | | | | | | |
| | Tinting color in oil raw seana | 1.00 | can/lit | | | | | | | | | | | | |
| | Tinting color in oil bulletin red | 1.00 | can/lit | | | | | | | | | | | | |
| | Tinting color in oil lamp black | 1.00 | can/lit | | | | | | | | | | | | |
| | sand paper # 80 | 2.00 | mtrs | | | | | | | | | | | | |
| | sand paper assorted # 120 and 400 | 10.00 | shts | | | | | | | | | | | | |
| | paint brush 1" | 4.00 | pcs | | | | | | | | | | | | |
| | paint brush 2" | 4.00 | pcs | | | | | | | | | | | | |
| | paint roller w/tray | 4.00 | set | | | | | | | | | | | | |

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| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **14** | **FORMS AND SCAFFOLDINGS** | | | | | | | | | | | | | | |
| | 1/4" thik plywood ordinary | 10.00 | pcs | | | | | | | | | | | | |
| | 1/2" plywood | 4.00 | pcs | | | | | | | | | | | | |
| | 2 x 4 x12 coco lumber | 100.00 | pcs | | | | | | | | | | | | |
| | 2 x 2 x 12 coco lumber | 100.00 | pcs | | | | | | | | | | | | |
| | 3" common wire nail | 10.00 | kg | | | | | | | | | | | | |
| | 4" common nail | 7.00 | kg | | | | | | | | | | | | |
| | 2" common nail | 4.00 | kg | | | | | | | | | | | | |
| | 1" common nail | 4.00 | kgs | | | | | | | | | | | | |
| | cool tar | 2.00 | gals | | | | | | | | | | | | |
| | used oil (soil poisoning) | 2.00 | gals | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **D** | **CONSTRUCTION OF PERIMTER FENCE** | | | | | | | | | | | | | | |
| | Cement | 216.00 | bags | | | | | | | | | | | | |
| | Sand | 18.00 | cu.m. | | | | | | | | | | | | |
| | Gravel 3/4" | 9.00 | cu.m. | | | | | | | | | | | | |
| | 10mm. Dia. Steel Bar | 126.00 | pcs | | | | | | | | | | | | |
| | 12mm. Dia. Steel Bar | 144.00 | pcs | | | | | | | | | | | | |
| | Concrete Hollow Blocks 4" | 1,350.00 | pcs | | | | | | | | | | | | |
| | 10mm. Dia. Plain Steel Bar | 81.00 | pcs | | | | | | | | | | | | |
| | 8mm. Dia. Steel Bar | 153.00 | pcs | | | | | | | | | | | | |
| | G.I. Pipe 1 1/4" Dia. X 6m. Sch. 40 | 81.00 | pcs | | | | | | | | | | | | |
| | Barbed Wires 30 kgs. | 115.92 | kgs | | | | | | | | | | | | |
| | Cyclone Wire 4'x 10m , 2"x 2" | 18.00 | rolls | | | | | | | | | | | | |
| | Welding Rod | 18.00 | kgs | | | | | | | | | | | | |
| | Cutting Disc 4" | 36.00 | pcs | | | | | | | | | | | | |
| | Hacksaw blades | 18.00 | pcs | | | | | | | | | | | | |
| | G.I. #16 Tie Wire | 18.00 | kgs | | | | | | | | | | | | |
| | Red Oxide Primer Paint | 9.00 | gal | | | | | | | | | | | | |
| | QDE Paint, Silver Aluminum | 9.00 | gal | | | | | | | | | | | | |
| | Flat Latex Paint White | 7.20 | gal | | | | | | | | | | | | |
| | Gloss Latex Paint White | 7.20 | gal | | | | | | | | | | | | |
| | Paint Roller 7" | 18.00 | pcs | | | | | | | | | | | | |
| | Paint Brush 3" | 18.00 | pcs | | | | | | | | | | | | |
| | Marine Plywood 1/4" | 18.00 | pcs | | | | | | | | | | | | |
| | Lumber 2"x 2"x 12' | 180.00 | pcs | | | | | | | | | | | | |
| | CWN (Assorted) | 36.00 | kgs | | | | | | | | | | | | |

**Project Title : CONSTRUCTION OF PAGASA SYNOPTIC BLDG., POWERHOUSE, OBSERVER'S QUARTER AND PERIMTER FENCE IN IQUIRINO**
**Location : PROVINCIAL CAPITOL, CABARROGUIS, Q**
**Subject : DETAILED COST BREAKDOWN**

| | | | | | ESTIMATED DIRECT COST (EDC) | | | | INDIRECT COST (IC) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ITEM / DESCRIPTION | QTY. | UNIT | UNIT COST | MATERIAL | LABOR | EQUIPMENT | DIRECT COST | OVERHEAD | CONTIGENCIES | MISCELLANEOUS | PROFIT | VAT-COMPONENT | TOTAL AMOUNT | UNIT COST |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **2** | **STEEL GATE** | | | | | | | | | | | | | | |
| | 50 x50mm Angle Bar | 12.00 | pcs | | | | | | | | | | | | |
| | 2" x 4" x1.5mm x 6m Tubular (see plan) | 4.00 | pcs | | | | | | | | | | | | |
| | G.I. PIPE 1 1/4" DIA. X 6M SCH. 40 | 6.00 | pcs | | | | | | | | | | | | |
| | Pillow Block Hinges (std. See plan) | 8.00 | pcs | | | | | | | | | | | | |
| | Stainless barrel bolts (see Det. Plan) | 2.00 | pcs | | | | | | | | | | | | |
| | 3 mm Thk Steel Plate (see Det. Plan) | 2.00 | pcs | | | | | | | | | | | | |
| | Consumables (electrodes,disc,paints &etc) | 1.00 | lot | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | - | - | - | - | - | - | - | - | - | |
| **3** | **EQUIPMENT RENTAL** | | | | | days | | | | | | | | | |
| | Bagger Concrete Mixer | 1.00 | unit | | | | | | | | | | | | |
| | Bar Cutter | 1.00 | unit | | | | | | | | | | | | |
| | Concrete Vibrator | 1.00 | unit | | | | | | | | | | | | |
| | Welding Machine | 1.00 | unit | | | | | | | | | | | | |
| | **Sub-Total** | | | | - | | - | - | - | - | - | - | - | - | |
| | **Total** | | | | - | - | - | - | - | - | - | - | - | - | |