| (GBR) | (26) |
|--|------|
| From: (USA) | |
| Sent: Sunday, January 11, 2004 11:30 AM To: [GBR] Subject: FW: | (3) |
| LT SC USNR Ordering Officer CPA South | |
| Basrah, Iraq | |
| Mobile: Mobile: | |
| Original Message | |
| From: [DIG) | |
| Sent: Saturday, January 10, 2004 12:34 PM | |
| To: [USA) | |
| Subject: | |

Yard & Compound secenty
US\$1,036,134



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| CPA PROJECT NUMBER: | | | Wand and | | -la. | | |
|----------------------|------|---|---------------|---------------|--------------|----------------|---------|
| CPA PROJECT TITLE: | | | Yard and co | mpound Secu | rny | | |
| BID ITEMS | - | | | UNIT OF | | UNIT PRICE | TEN COS |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) |
| | 11 | Repair perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | 12 | (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | 2900 | 120 00 | 348000 |
| | 13 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | 5520 | 60 00 | 331200 |
| | | Install steel dig plates | 1 mater high | LM | _ 1540 | 40.00 | 73600 |
| | 1.5 | Repair entry/exit gate | - | Each | | | 0 |
| | 1.6 | Install new entrylexit gate | - | Each | | | 0 |
| | | Vehicle "Sally Port" | - | Eech | 3 | 1200,00 | 3600 |
| | | Man "Sally Port" Install rezor wire on existing fence or | - | Each | 6 | 350.00 | 2100 |
| | 1.7 | wall Prepare surface and paint existing | - | LM | | | 0 |
| | 18 | gates or fences with 1 coat primer and 2 coats oil paint Prepare aurface and paint existing | | SM | | | 0 |
| | 19 | perinter wall with 2 coats water based paint (latex) | | SM | | | D |
| | 1.10 | Other (Describ Use Bid Item 1 | e in the | essany) | pelow. | | 0 |
| | | Complete structower with stee | tural co | g | uare | 5000,00 | 40000 |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 2,1 | Remove and d | spose | off site a | ll trash | | 0 |
| | _22_ | Demolish unsa | - b -i- | tures an | | | 0 |
| | 23 | Grading and le include removir from ground) | veling o | of ground | (to jects | | 0 |
| | 2.4 | Repair asphalt walkways | pavem | ents or SM | 2000 | 7.00 | 14000 |
| | 2.5 | Replace aspha walkways | It pave | | 220 | 25.00 | 5500 |
| | 2.6 | Repair concret | e paver | | | | 0 |
| | 27 | Replace concre walkways | ete pav | ements of | ог | | 0 |
| | 2.8 | Repair other ty walkways Other (Describ Use Bid Item 1 | pe of pa | svement SM | s ог | | 0 |
| | 2.9 | | | | elow. | | _ 0 |
| | | Construct cond | | | | | 0 |
| | | Construct conc | rete en | TITY FEITTE | | UNIT PRICE (S | 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 3.1 | Pressure wash | | SM | | | 0 |
| | 3.2 | Remove and di coverings | spose | damaged | floor | | _ 0_ |

| | 34 | Repair structurally damaged floor slabs | | SM | | | 0 |
|--------------------------|---------------------------------|--|--------|--|----------|----------------|--|
| | 3.5 | Install new reinforced concrete floor slab (specify thickness in bid) | | SM | | | 0 |
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | 1 | Repair stairs | ~~~~ | SM | | | 0 |
| | - | install elainway railing | | LM | | | 0 |
| | 1 | 1 | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| · WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SEE | MEASURE | QUANTITY | U8) | (\$ U\$) |
| | 4.1 | Remove damaged plaster from waits or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or calling surface, apply 1 coal primer/sealer and 2 coats latex (water based) paint | | SM | | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats oil | | - | | 1 | |
| | 43 | based paint | | SM | | | 0 |
| | 4.4 | Demolish unaound walls / ceilings and dispose of all debris | | SM | | | 0 |
| | 4.5 | Build new mesonry wall with mortar/plaster finish | | SM | | | 0 |
| | 40 | Remove damaged ceramic tile well | | Pu | | | |
| | 46 | Other (Describe in the space below tuse Bid Rem 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | + | Fill in wall openings | | SM | | + | 0 |
| | | Install suspended ceiling | | SM | | | 0 |
| | + | Remove suspended ceiling | | SM | | | 0 |
| | | | | UNIT OF | - | UNIT PRICE (\$ | ITEM COST |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ U\$) |
| | 5.1 | Reseat jointe around roof tiles | | SM | | | 0 |
| | 5,2 | Replace and seal demaged or missing roof tiles | | SM | | | 0 |
| | 5.3 | Repair parapet wells, facts, or saves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | | | | | | | |
| | 5.6 | Inetall new roof drain | | Each | | + | 0 |
| | | | | 1 | | | |
| | 5.7 | Install new downspout | | Ench | | | 00 |
| | 5.7 | Install new downspout Other (Describe in the space below.) Use Bid Item 10 if necessary) | | Each Indicate Unit of Measure Below | | | |
| | 5.8 | Other (Describe in the space below.) Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | UNIT PRICE (\$ | 0 ITEM COST |
| - DOORS & WINDOWS | | Other (Describe in the space below. | ŞIZE | Indicate Unit of Measure Below | QUANTITY | UNIT PRICE (\$ | 0 |
| - DOORS & WINDOWS | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) | SIZE | Indicate Unit of Measure Below | QUANTITY | | 0 ITEM COST |
| · POORS & WINDOWS | 5.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Instell new wooden hollow-core door | SIZE | Indicate Unit of Measure Below Unit OF MEASURE | QUANTITY | | 0 ITEM COST (\$ US) |
| - DOORS & WINDOWS | 17EM | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) Install new wooden door frame | \$12.5 | Indicate Unit of Measure Below Unit OF MEASURE Each | QUANTITY | | 0 ITEM COST (\$ US) |
| - DOORS & WINDOWS | 5.6 IYEM 6.1 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) [specify size) [specify size) | \$12.5 | Unit OF Measure Below Unit OF MEASURE Each Each | QUANTITY | | 0 TTEM COST (\$ US) 0 |
| - DOORS & WINDOWS | 5.6 IYEM 6.1 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steet door (specify size) Steel doubte door High security sleet bars | \$425 | UNIT OF MEASURE Each Each | QUANTITY | | 0 ITEM COST (\$ US) 0 |
| - POORS & WINDOWS | 5.6 IYEM 6.1 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steet door (specify size) Install new steet door (specify size) | SAZE | Unit Of Measure Below Unit OF MEASURE Each Each Each | QUANTITY | | 0 TYEM COST (\$ US) 0 0 |
| - DOORS & WINDOWS | 56 IYEM 6.1 6.2 6.3 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (specify size) Steel doubte door High security size) bers Install new steel door frame (specify size) | ŞAZS | Unit Of Measure Below Unit OF MEASURE Each Each Each Each Each Each | QUANTITY | | 0 ITEM COST (\$ US) 0 0 0 |
| - DOORS & WINDOWS | 56 IYEM 6.1 6.2 6.3 | Other (Describe in the space below. Use Bid Item 10 if necessary) DESCRIPTION Install new wooden hollow-core door (specify size) Install new steel door (specify size) Steel doubte door High security size) bars Install new steel door fame (specify | SIZE | Unit Of Measure Below Unit OF MEASURE Each Each Each Each | QUANTITY | | 0 ITEM COST (\$ US) 0 0 |

| | 8.2 | (specify number of tons) | | Each | | | 0 |
|----------------------|-------|---|-------------------|-----------------------------------|----------|-----------------------|------------|
| | 8.1 | Install new window air conditioning unit (specify number of watts/amps) | | Each | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SEE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ U5) |
| | | | | | | | 0_ |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | (specify type and size) | on perimeter wall | Each | 116 | 200.00 | 23200 |
| | 7,15 | (specify type and size) Install new exterior security lighting | on buildings | Each | 12 | 250 00 | 1000 |
| | | Instell new exterior security lighting | | | | | |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.13 | model, and capacity) Install new fuel tank for generator | - | Each | | 1 | 0 |
| | | changeover switch (specify make, | | | | | |
| | 7.12 | type and size) install new electrical generator with | | LM | 2100 | 70.00 | 147000 |
| | 1 731 | Install new mains cabling (specify | | EAGI | | 1 | |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | | | 0 |
| | 7.9 | Capacity) | | Each | | + | 300 |
| _ = = = | 1 | Install new circuit breaker panel (specify number of breakers and | | | | | |
| | 78 | Install new circuit breaker (specify type and capacity) | | Each | | | 0 |
| | 7.7 | install new telephone jack en/or alarm jack | | Each | | | 0 |
| | 7.6 | pair) | | Each | 2100 | 10.00 | 20 |
| | 1.3 | Install new telephone cable (single | | | | | |
| | 7.5 | Install new ceiling fan | | Each | | | 140 |
| | | Install nightlights | | Each | | | 0 |
| | 7.4 | Install new flourescent light fixture | | Each | | | 224 |
| | 7.3 | Install new wall switch | | Each | | | |
| | 7.2 | Install new electrical outlet | | Each | | | 0_ |
| | 7.1 | dismater) | | LM | | 1 | - 0 |
| | | electrical wiring (specify wire type & | | | | 1 | 0 |
| ELECTRICAL SYSTEMS | ITEM | DESCRIPTION Install new surface-mounted | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | - | - | | UNIT OF | | UNIT PRICE (\$ | O ITEM COS |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | |
| | 6.11 | Paint existing window frames Other (Describe in the space below. | | Indicate Unit of | | | |
| | | | | Fe. | | | 0 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | | High security steel bers | | Each | | | 0 |
| | 5.9 | para) on window | | Each | | | |
| | - | Frame only Install steel security bars (burgler | | Ench | | - | 0 |
| | 6.8 | (specify size in bid) | - | Each | | + | 0 |
| | | Prepare rough opening in wall and install new window frame and glass | | | | | |
| | 6.7 | replace with new glass in existing frame | | SM | | | 0 |
| | +- | Remove broken window glass and | - | Each | | + | 0 |
| | 6.6 | size and type in bid) | | Each | | | - |
| | | Install other type of door (specify | | | | | |
| | | coats oil paint) | | SM | | | 0 |

| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
|----------------------------|--------|--|----------|--------------------|----------|----------------|----------|
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. | | Indicate Unit of | | | |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | |
| | | | | UNIT OF | | UNIT PRICE (\$ | |
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ U\$) |
| | 9.1 | Install new Eastern style toilet | ***** | Each | | | 1400 |
| | 9.2 | Install new Western style loilet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | | 0 |
| | | Install new senitary drain pipes | | | | | |
| | 9.4 | (specify diameter and type) Clean and repair existing septic | | LM | 1270 | 20,00 | 25400 |
| | 9.5 | tanks (to include new locking hetch covers) | | Each | | | 0 |
| | | Install new septic tank (to include | | | 5 | 1000.00 | 5000 |
| | 9.6 | Remove existing septic tanks and | | Each | | 1 | |
| | | manholes Install new porcelain sink with shut- | 31 12592 | Enco | 13 | 750.00 | 9750 |
| | 9.7 | off velves | | Escn | | | 0 |
| | | Install new water piping (specify size | | | | 1 | |
| | 9.8 | and type i.e. PVC, steel, copper) | | LM | 180 | 15.00 | 2700 |
| | 9.9 | Install new main shut-off valve | | Each | | | 0 |
| | 9.10 | Install backflow prevention valve | | Each | | | 0 |
| | 9.11 | Install new plastic water lanks | | Each | | | 0 |
| | 9.12 | Other (Describe in the space below. | | Indicate Unit of | | 1 | |
| | | Use Bid Rem 10 if necessary) | | Measure Below | | | 0 |
| | | Install shower unit | | Each | | | 0 |
| | | Water pump | | Each | | | 0 |
| 10 - OTHER BID ITEMS | ITEM | DESCRIPTION | SZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | |
| IO - OTHER BID ITEMS | HEM | Provide ermed security personnel 24 | | | | | |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kilchen table/shelf | | Each | | | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10 10 | | | | | | 0 |
| | 10.11 | | | | Massack | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 1 1 10 | | | | | 1 | |
| | 10.15 | | | | | | |

| |) | | _ |
|---|---|------|---|
| _ | | | |
| | | | |
| | • | | |
| | | | |

Basrah Central Prison Interior Electrical Load Estimate

| | | | | ONER LIGHTING | | | | | | ER ELECTRICAL L | | | | | |
|-----------------------------|---|---------|--|--------------------------------------|-------------|-------------|--------------------------------------|-------------|----------------|---|-----------------|-------------------|------------|--------------|--|
| | | | ITEM-1 | 20.000000 | ITEM-3 | ITEM-4 | ITEM-6 | ITEM-6 | ITEM-7 | ITEM-0 | ITEM-9 | ITEM-10 | | 1 | |
| | | | Celling Light with Protective Grill | Night Light with Protective Grill | (Hellways) | (Workspace) | Celling Fon with Protective Grill | Celling Fan | 13 Amp Outlets | 15 Amp Outlets for Window A/C Units | 1-Hp Water Pump | Retridgerator | | 114 | |
| | | Mattage | 40 | 16 | 40 | 40 | 75 | 75 | 3,120 | 3,600 | 750 | 76 | | | |
| | | Maximum | | | | | | | 5 10 1 | | 1 6 4 1 | | Bidg Total | Bidg Yotal | Design Load |
| en atom - a | T manage | Amperos | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 13.0 | 15.0 | 3.0 | 0.3 | Wettege | Maximum Ampa | Wattage (Note- |
| Building # Wing (Prisons | Building | 3F | # Of Lights | # Of Lights | # Of Lights | # Of Lights | # of Fens | Aug grant | # of Cutlets | # of Outlets | | | | | |
| Telling (Filedin | #A1 | 3,360 | 34 | 34 | D D | 0 | 17 | # of Fans | 0 | a or Oresta | # of Pumps | of Refridgerators | 2,598 | 111 | 1,923 |
| 2 | #A1 Guard | 240 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 7 | 0 | 0 | 13,572 | 57 | 6,292 |
| 3 | MA2 | 3,380 | 34 | 34 | 0 | 0 | 17 | 0 | 0 | 0 | 1 | 0 | 2,598 | 11 | 1,923 |
| 4 | WAZ Guard | 240 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 2 | 0 1 | 0 | 13,572 | 57 | 8,292 |
| 5 | WA3 | 3,380 | 34 | 34 | 0 | 0 | 17 | ō | 0 | 0 | 1 | 0 | 2,506 | 11 | 1,923 |
| 6 | #A3 Guard | 240 | 2 | 2 | 0 | 0 | + | 0 | 12 | | 0 | 0 | 13,572 | 67 | 8,292 |
| 7 | WAA | 3,360 | 34 | 34 | 0 | 0 | 17 | 0 | 0 | 1 0 | 1 | 0 | 2,598 | 11 | 1,923 |
| 8 | MA4 Guard | 240 | 2 | 2 | 0 | 0 | 1 | 0 | 7 2 | 2 | 0 | 0 | 13,572 | 57 | 8,292 |
| 9 | A Bathroom 1 | 650 | 7 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 1,108 | 5 | 433 |
| 10 | A Bathroom 2 | 650 | 13 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 1,368 | В | 693 |
| | SUBTOTAL | 16,700 | 164 | 167 | 0 | 0 | 79 | 0 | 1 | 8 | | 0 | 67,155 | 280 | 41,965 |
| Wing (Prison | | | | | | | | | - | | - | Tel Tel | | | 41,000 |
| 11 | #81 | 3,360 | 34 | 34 | 0 | 0 | 17 | 0 | 0 | 0 | 1 | 0 | 2,598 | 11 | 1,923 |
| 12 | #81 Guard | 240 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 13,572 | 67 | 8,292 |
| 13 | #B2 | 3,360 | 34 | 34 | 0 | 0 | 17 | 0 | 0 | 0 | 1 | 0 | 2,598 | 11 | 1,923 |
| 14 | #B2 Guard | 240 | 2 | 2 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 13,572 | 57 | 6,292 |
| 15 | #83 | 3,360 | 34 | 34 | 0 | 0 | 17 | 0 | 0 | 0 | 1 | 0 | 2,598 | 11 | 1,923 |
| 18 | #B3 Guard | 240 | | 2 | 0 | 0 | | 0 | 1 | | 0 | 0 | 13,572 | 57 | 6,292 |
| 17 | #B4 | 3,380 | 34 | 34 | 0 | 0 | 17 | 0 | 1 0 | 0 | 1 1 | 0 | 2,698 | 11 | 1,923 |
| 18 | #B4 Guard | 240 | 2 | 2 | 0 | 0 | | 0 | | 2 | 0 | 0 | 13,572 | 57 | 5,292 |
| 19 | B Bathroom 1 | 650 | 7 | 7 | 0 | 0 - | | 0 | | 0 | | | 1,106 | 5 | 433 |
| 20 | B Bethroom 2 | 660 | 7 | 7 | 0 | 0 | 3 | 0 | | - 0 | | 0 | 1,108 | 5 | 433 |
| | SUBTOTAL | 16,700 | 167 | 157 | 0 | 0 | 79 | 0 | | | 6 | 0 | 44,894 | 279 | 41,725 |
| Ming (Prison | er Detention) | 10,700 | 107 | 107 | - | | | | - | - | | | 80,898 | 219 | 91,720 |
| 21 | #C1 | 3,570 | 36 | 36 | 13 | 0 | 18 | 0 | 1 0 | 0 | 1 | 0 | 3,234 | 13 | 2,559 |
| 22 | #C2 | 3,570 | 34 | 36 | 13 | 0 | 18 | 0 | 0 | 0 | | 0 | 3,234 | | 2,559 |
| 23 | #C3 | 3,570 | 36 | 36 | 13 | 0 | 18 | 0 | | 0 | | 0 | 3,234 | 13 | 2,559 |
| 24 | C Bathroom | 650 | 7 | 7 | 0 | | 3 | | | and the same of the same of the | | | | | |
| - 20 | or other than the fact that the same of | | 114 | | | 0 | | 0 | 0 | D | | 0 | 1,108 | 5 | 433 |
| ramile Maran d | SUBTOTAL | 11,360 | 174 | 114 | 38 | 0 | 67 | | 0 | 0 | 4 | 0 | 10,808 | 45 | 8,108 |
| | Prisoner Detention) Juvenila Bigd | 2,090 | 21 | | | | | | | | | | 4.704 | | 1.040 |
| 25 | | | 21 | 9 | 0 | 0 | 10 | . 0 | 0 | 0 | 1 | 0 | 1,721 | 7 | 1,046 |
| | SUBTOTAL | 2,090 | 21 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 | 1,721 | 7 | 1,046 |
| | risoner Deteration) | 630 | | | | , , | - | - | | | | | | | 1 |
| 25 | Female Bidg | 920 | 8 | 3 | 0 | 0 | 6 | 0 | 0 | C | 1 | 0 | 1,163 | 5 | 488 |
| | Guard Room | 180 | 4 | 0 | 0 | 4 | 1 | 0 | 3 | 1 | 0 | | 10,128 | 42 | 5.928 |
| | SUBTOTAL | 1,100 | 13 | 3 | 0 | 4 | | . 0 | 2 | 1 | 1 1 | 0 | 11,291 | 47 | 6,416 |
| | ng (Prisoner Detenti | onj | | | | | | | | , | | | | - | |
| 27 | Segregation Bidg | 2,300 | 23 | 18 | 0 | 0 | 12 | 0 | 0 | 0 | 1 | 0 | 1,940 | | 1,265 |
| | SUSTOTAL | 2,300 | 23 | 18 | 0 | 0 | 12 | 0 | 0 | 0 | 1 | 0 | 1,940 | | 1,265 |
| aff / Support | | 1000 | 150 | | | 1 | | | | 11 | We was | | | | The state of the s |
| 28 | Visitor's Center | 4,050 | D | 0 | 0 | 41 | 0 | 20 | | 0 | 1 1 1 | 0 | 22,609 | 94 | 12,574 |
| 29 | Reception Bldg Administration | 3,760 | D | 0 | 10 | 38 | 0 | 16 | 1 18 | 0 | 1 1 | 1 | 60,014 | 260 | 31.250 |
| 30 | Building | 1.800 | 0 | 0 | 0 | 18 | 0 | 7 | 7 | | | | 27 640 | 116 | 14.835 |
| | | | | | | | | | 7 | 1 | | 1 | 27,510 | | |
| 31 | Medical Center | 4,030 | 0 | 0 | 0 | 40 | 0 | 20 | 12 | 12 | 1 1 | 2 | 84,663 | 353 | 52,308 |
| 32 | ND Kitcherr and Rec | 3,990 | o | 0 | 9 | 40 | 0 | 11 | 20 | 10 | | 1 | 102,606 | 425 | 59,331 |
| 33 | Hair | 6,190 | 0 | 0 | 0 | 62 | 0 | 31 | 4 | 10 | 1 1 | | E4 227 | 1 476 | 36,612 |
| 43 | | | | | | | | | | 10 | 1 1 | 4 | 54,327 | 226 | |
| 34 | Guard House | 300 | 0 | 0 | 0 | 3 | 0 | 2 | | 1 1 | 1 0 | - 0 | 8,990 | | 4.350 |

Basrah Central Prison Interior Electrical Load Estimate

| | | | INTERIOR PRIS | ONER LIGHTING | INTERIOR WORK | SPACE LIGHTING | | | OTH | ER ELECTRICAL L | DADS | | | T | 1 |
|----------------|----------------------------------|--------------------|--|--------------------------------------|-----------------------------|-------------------------|--------------------------------------|----------------|----------------|---|-----------------|---------------|----------------------------------|----------------------------|-------------------------------|
| | | | ITEM-1 | | ITEM-3 | I ITEM-4 | ITEM-6 | ITEM-6 | ITEM-7 | ITEM-0 | ITEM-9 | ITEM-10 | | } | 1 |
| | | | Ceiling Light with Protective Grill | Night Light with Protective Grill | Ceiling Light (Haliwaya) | (Workspace) | Celling Fan with Protective Grill | Celling Fan | 13 Amp Outlets | 18 Amp Outlets for Window A/C Units | 1-Hp Water Pump | Refridgerator | | | |
| | | Maximum Wattage | 40 | 14 | 40 | 40 | 75 | 76 | 3,120 | 3,400 | 750 | 76 | | C 8 _ C | |
| | | Maximum Amperes | 8,2 | 0.1 | 0.2 | 0.2 | 6.3 | 0.3 | 13.0 | 15.0 | 3.0 | 0.3 | Bidg Total Maximum Wattage | Bidg Total Maximum Amps | Design Load Wattage (Note: |
| Building # | Building | SF | | - 11/20/15 | | 330,000 | PROPERTY OF | | | | | | | alpha sella | |
| 35 | Generator and Water Tenk Blog | BIS0 | 0 | 0 | 0 | 9 | 0 | 0 | , | o | 1 | 0 | 4,214 | 16 | 1,979 |
| 36 | Entrance Guard House 1 | 290 | 0 | 1 0 | О | 3 | 0 | 2 | 1 | 1 | 0 | o ! | 5,982 | 79 | 4,342 |
| 37 | Entrance Guard House 2 | 280 | o | 0 | О | 1 3 | 0 | 2 | 1 | 1 | 0 | 0 | 0,902 | 29 | 4,342 |
| | JATOTAL | 25,540 | 0 | 0 | 19 | 266 | 0 1 | 110 | 71 | 34 | 7 1 | | 378,297 | 1,560 | 221,932 |
| | Guard Tower 1 | 1 | 0 | 0 | 0 | 0 | 0 1 | 0 | 0 | 0 | n 1 | 0 | 0 | 1 0 | 0 |
| | Guard Tower 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Guard Tower 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 0 |
| | Guard Tower 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 0 |
| | Guard Tower 5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Guard Tower 6 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Q | Q |
| | Guard Tower ? | | 0 | 0 | 0 | 0 | 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Guard Tower 8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL | | | 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| | | 73,796 | 491 | 458 | 58 | 269 | 241 | 110 | 89 | 53 | 26 | | 536,107 | 2,234 | 322,477 |
| ta-1: Design L | ond (writings) is base | Design and | = 100% of maximum | m load | mujeneem en gran | TOTAL IDAG BY SHI TIME! | The assumptions | Bre Ba TORDAYS | | | | | | + | |
| | ITEM-2 | Design Load | = 100% of maximum | n load | | | | | | | | | | | |
| | ITEM-3 | | = 100% of mesonus | | | | | | | | | | | + | - |
| | IITEM-4 | | = 100% of maximus | | | | | | | | | | | + | 1 |
| | ITEM-5 | | = 100% of maximum | | | | | | | | | | | 1 | |
| | ITEM-6 | | = 50% of maximum | | | | | | | | | | | 1 | |
| | ITEM-7 | | = 70% of maximum | | | | | | | | | | | - | |
| | ITEM-8 | | = 10% of maximum | | | | | | | | | | | 1 | |
| | ITEM-9 | | = 100% of maximum | | | | | | | | | | | - | |

Basrah Central Prison Electrical Load

| MAX (kw) | DESIGN (kw) | | |
|---------------|--|---|--|
| 536,1 | 07 322,4 | 77 | |
| 75,2 | 50 75,2 | 50 | |
| 611,3 | 357 397,7 | 27 | |
| 91,7 | 04 59,6 | 59 | |
| 703,061 | 457,386 | | |
| QUANTITY | UNIT COST (\$) | ITEM | COST (\$) |
| 2 | \$119, | 000 | \$238,0 |
| ve gri#91 | \$2 | 0 | \$9,8 |
| e gril458 | \$2 | 0 | \$9,1 |
| 58 | \$1 | 0 | \$58 |
| 259 | \$1 | 0 | \$2,5 |
| Grill & Room | | | |
| 259 | \$3 | 5 | \$9,0 |
| ing 110 | \$2 | 5 | \$2,7 |
| w/Rasm Wi | ring \$1 | 0 | \$89 |
| utlets w/Roor | | | |
| 53 | | | \$53 |
| fugal)26 | \$10 | 0 | \$2,6 |
| 9 | | 0 | \$4,5 |
| (250 Watt Me | etal | | |
| 172 | | 00 | \$68,8 |
| | | - | |
| 162 | | 0 | \$40,5 |
| | | | \$13.2 |
| arited po | TOTAL | ~ | \$403,032 |
| | 536,1 75,2 611,3 91,7 703,061 QUANTITY 2 ve gri#91 e gril#58 58 2 259 Grill & Room 259 ing 110 s w/R@m Wintlets w/Room 53 fugal) 26 9 (250 Watt Me 172 Vatt Low Pre 162 | 536, 107 322,4 75,250 75,2 611,357 397,7 91,704 59,6 703,061 457,386 QUANTITY UNIT COST (\$) 2 \$119, ve gril491 \$2 e grill458 \$2 58 \$1 e) 259 \$1 Grill & Room 259 \$3 ing 110 \$2 s w/R & Wiring \$1 utlets w/Room 53 \$1 fugal) 26 \$10 9 \$50 (250 Watt Metal 172 \$40 Vatt Low Pressure 162 \$25 150 Watt Low unted) 53 \$25 | 536,107 322,477 75,250 75,250 611,357 397,727 91,704 59,659 703,061 457,386 QUANTITY UNIT COST (\$) ITEM 2 \$119,000 ve gril491 \$20 e grill458 \$20 58 \$10 Grill & Room 259 \$35 ing 110 \$25 s w/R & Wiring \$10 utlets w/Room 53 \$10 fugal) 26 \$100 9 \$500 (250 Watt Metal 172 \$400 Vatt Low Pressure 162 \$250 ISO Watt Low unted) 53 \$250 |

NOTE-1: Estimate does not include overhead (8%) and profit (8%). Uni Overhead and profit to be included in summary estimate of all work elem NOTE-2: Estimate does not include purchase and installation of new materials breaker panels, isolation switches, or cabling. These depend on the installation of the

| | | 1 | | 1 | - | | | | W | 2 | 8 | | 2 | z | H | 31 | 30 | × | St. Lodding / artic | 77 | OW Department | 92 | 25 | I was eparal | 24 | 22 | | 11 | 17 | 16 | 13 | I I State B | | 5.0 | | 20 | | A-Ming (Principal | | | | | |
|--------|---------|---------------|---------------|--------------|---------------|---------------|---------------|-------------|----------------|---------|----------------|---------------|-------------|-----------------|--------|--------------|----------|----------------|---------------------|------------------|-------------------|-------------|------------------|--------------|-----------|-------|----------|---------------------------|-------------|-----------|-----------|-------------|-----------|--------------|-----------|-----------|--------|-------------------|--|--------------|----------|-------------------|--------------------|
| TOTAL | TATOTAL | Guard Tower / | Guard Tower 6 | Guard Town 5 | Guard Tower 3 | Guard Tower 2 | Geard Tower 1 | TOTAL STATE | Entrante Guard | House 1 | Entrance Guard | Generator and | Guard House | Kitchen and Rec | HO HO | Madeu Center | Building | Reception Bidg | Visitor's Cards | Segrapation Bidg | Principle Delient | Famaia Bidg | 25 Juvenile Bigd | SUBTOTAL | C Betwoon | 60 | ButtoTAL | B Ballyson 1 B Ballyson 2 | #B4 Clusted | ABO Cuard | #82 Guard | RB1 | Parimeter | A Bethroom 1 | SAM GLAND | AA3 Guard | BA2 | BA1 | Building | | | 91 | |
| 26,540 | 100 | 100 | 100 | 100 | 100 | 100 | 18 | 31.10 | 750 | 200 | 900 | | 300 | 8190 | 3800 | 4630 | 1800 | 3760 | 4050 | 3062 | FI | 1100 | 2090 | | | 3570 | | 550 | 3360 | 240 | 340 | 3900 | T | 050 | 2000 | 3360 | 3380 | 3380 | Amperes | Maghesta | W. diago | | |
| 177 | 32 | | | | | | . 1 | 3 . | 2 | 0 | | , | ۰ | 0 | 12 | 8 | | 0 | 0 | 12 | | - | • | 8 | 000 | 50 | 1 | 300 | 00 | 0 0 | 000 | 0 | 16 | 00 | 00 | 0 6 | 500 | 0 | | | 340 | Lights (Security) | C. Control Control |
| 162 | 0 | 000 | 0 | 0 | 9 | 0 | e 1 | | | | | | | | | 7 | * | • | - | | | | | a | 2 2 6 | 56 | z | 960 | | 2 | 2 | - | 200 | 00 | 20 | | | | 4. | | 180 | (Smilety) | 1000000 |
| | 0 | 0 | 0 | 0 | . 0 | 0 | 0 : | | | 1 | | | | | 4 | 2 | 2 | N | 3 | 2 | | | 20 00 | | ONN | 202 | 16 | | M 60 | 20 | 20. | | 10 | | 20 | 200 | 9 | 0.0 | 1 1 W | | 188 | Unite Days Pigod | 1000 |
| 75,260 | 3,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 18 480 | 75 | 750 | - | 760 | 700 | 1 500 | 4, 150 | 5,630 | 2,900 | 1,200 | 900 | 4,200 | | 2,800 | 2,900 | 17,300 | 1,830 | 1,600 | 10,300 | 130 | 900 | 500 | 900 | 800 | 10,300 | 150 | 900 | 900 | 800 | 900 | 100.00 | | | | |
| 3/4 | 2 | | | | + | | | | 4 | 2 | | | | • | i | 23 | 12 | un | - | == | | 5.5 | 12 | 72 | S a a | | | 17 | 0 4 | | 44 | | 8 = | | | C4 84 | | 3 4 | The state of the s | Mathematical | | | |
| 74,240 | 8,000 | 1000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 10.00 | 70 | 750 | - | is. | 750 | 1 500 | 4 350 | 5 800 | 2,900 | 1,200 | 900 | 4,700 | | 2,900 | 2,900 | 17,200 | 1000 1000 | 1 800 | 10,300 | 4,000 | 000 | 900 | 900 | 000 | 10,300 | 150 | 000 | 800 | 000 NO | 900 | | Design Last | | -10 | |

Security, Windows

Type: SW # 1 Size:

500 mm x 610 mm (20" x 24")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Square stock 15 mm X 15 mm (9/16" x 9/16"); vertical bars continuous; horizontal bars intermittent

Spacing:

 $64 \text{ mm} \times 64 \text{ mm} (2.5^{\circ} \times 2.5^{\circ})$ center to center vertically and horizontally Stee! Frame bolted in wall with tamper proof bolts

Mounting Frame: Movement: Restricted

Construction: Welded with continuous welds

SW #2

Size:

250 mm x 250 mm (10" x 10")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Square stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW #3

Size:

915 mm x 915 mm (36" x 36")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Square stock 15 mm X 15 mm (9/16" x 9/16"); vertical bars continuous; horizontal bars intermittent

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally Spacing:

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW #4

Size:

460 mm x 460 mm (18" x 18")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Square stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center

Mounting Frame:

Steel Frame bolted in wall with tamper proof bolts

Restricted Movement:

Construction: Welded with continuous welds

SW #5

Size:

250 mm x 760 mm (10" x 30")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Square stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

W #1 Size:

915 mm x 915 mm (36" x 36")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Walded with continuous welds

W #2

Size: 4

460 mm x 460 mm (18" x 18")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

W#3

Size:

250 mm x 760 mm (10" x 30")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward

Construction: Welded with continuous welds

W #4

Size:

460 mm x 1070 mm (18" x 42")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bare:

Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous walds

W #5

Size:

460 mm x 915 mm (18" x 36")

Frame:

Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars:

Typical building safety bars

typical ballang salety bal

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds Security: Doors

Type: SD #1 Size:

2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Bars - open

Frame:

Steel

Bars:

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous,

Horizontal bars intermittent; Reinforced horizontally at third points and at latch

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame:

Steel frame bolted in wall with tamper proof bolts

Hinges: Movement: Steel with tamper proof hardware

Latch:

Must open outward with possible rotation up to 180 degrees External sliding bolt with flip down clasp and loop for padlock;

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

SD #2

Size:

2030 mm x 813 mm (6'-8" x 2'-8")

Type:

Bars - Open

Frame:

Steel

Bars:

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous;

Horizontal bars intermittent; Reinforced horizontally at third points and at fatch

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement:

Must open outward with possible rotation up to 180 degrees Key locking mechanism with additional dead bolt on inside

Latch:

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

SD #3

Size:

2030 mm x 813 mm (6'-8" x 2'-8")

Type:

Bare - open

Frame:

Steel

Bars:

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous;

Horizontal bars intermittent; Reinforced horizontally at third points and at latch

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame:

Steel frame boited in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement: Latch:

Must open outward with possible rotation up to 180 degrees External sliding bolt with flip down clasp and loop for padlock;

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

SD #4

Size:

2030 mm x 810 mm (6'-8" x 2'-8"); final thickness 25 to 40 mm (1 to 1.5")

Type:

Steel plate - solid face with hollow core

Frame:

Steel channel or rectangular tubing to provide door thickness of 25 mm (1") to 40 mm (1.5");

Horizontal bracing at quarter points or continuous bracing through core filler;

Facing

Steel plate minimum 3 mm (1/8") thick mounted to both sides of steel angle frame

Viewing port: 75 mm diameter observation aperture

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement:

Must open outward with possible rotation up to 180 degrees

Latch:

External sliding bolt with flip down clasp and loop for padlock:

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with lamper proof bolts

D#1

Size:

2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Exterior metal door

Mounting Frame:

Steel frame bolted in wall with tamper proof bolts Steel with tamper proof hardware

Hinges: Latch:

Typical door latch with key set

D#2

Size:

2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Interior solid wood door

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Latch:

Typical door latch with key set

D#3

Size:

2030 mm x 810 mm (6'-8" x 2'-8")

Type:

Interior solid wood door

Mounting Frame:

Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Latch:

Typical door latch with key set

D #4

Size:

2030 mm x 1830 mm (6'-8" x 6'-0")

Type:

Exterior metal double door

Mounting Frame:

Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Latch:

Typical door latch with key set and hardware to separately latch one door to upper and lower jam

Security: Enclosures

Type:

SFE #1

Size:

Low profile steel cage with dimensions to accommodate fan dimensions

Frame: Bars: Steel angles 38 mm x 38 mm x 7 mm (1.5" x 1.5" x 1/4") Steel square stock 15 mm x 15 mm (9/16" x 9/16")

Covering:

Steel security mesh grill with maximum hole size 3 mm square attached to outside of frame

to prevent any ligature being attached or used as an anchorage point;

Mounting Frame: Steel frame bolted in ceiling with tamper proof bolts

Construction: Welded with continuous welds

Movement: Restricted; removal only necessary for maintenance

Security: Type:

Security: Light Enclosures

SLE #1

Size:

Low profile

Type: Covering: Bulkhead style

Covering.

Shatter resistant plastic

Movement:

Restricted; removal only necessary for bulb replacement and maintenance

Basrah Prison Security and Hardware Requirements

| | Building | Approx. Sq. FL Area | Security / Non- Security | Number of Rooms | Window w/ Security Bars | Windows wi Regular Bar Bars Bar | with Doors So a Metal Fac | Minod | Doors Metal Exterior | Ceiling Fan In Enclosure | Ceiling Fan | Bulkhead Light Enclosures | Lights |
|----|--------------|------------------------|--------------------------------|--------------------|-------------------------------|---------------------------------------|------------------------------|-------|-------------------------|--------------------------------|-------------|---------------------------------|--------|
| | A-Wing | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | #A1 | 3360 | | 2 | 28 - SW #1, 9 - SW #2 | 12 - S | D #4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 1 | #A1 Guard | 240 | S S | 1 | 2 - SW#3 | 12-3 1-Si | | | | 0-0(2,4) | 1 | (2 022 #1 | 2 |
| 2 | an i Guard | 240 | 3 | ' | 2.011.00 | 1 - 31 | ~~ | | | | | | _ |
| | | | | | 28 - SW #1, | | | | | | | | |
| 3 | #A2 | 3360 | S | 2 | 8 - SW #2 | 12 - S | D#4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 4 | #A2 Guard | 240 | s | 1 | 2 - SW #3 | 1 - 50 | #3 | | | | 1 | | 2 |
| | | | | | 28 - SW #1, | | | | | | | | |
| 5 | #A3 | 3360 | S | 2 | 8 - SW #2 | 12 - S | D#4 | | | 8 - SFE #1 | В | 12 - SLE #1 | 12 |
| 6 | #A3 Guard | 240 | s | 1 | 2 - SW #3 | 1 - Si |) #3 | | | | 1 | | 2 |
| | | | | | 28 - SW #1. | | | | | | | | |
| 7 | #A4 | 3360 | S | 2 | 8 - SW #2 | 12 - S | D#4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 8 | #A4 Guard | 240 | s | t | 2 - SW #3 | 1 - SI |) #3 | | | | 1 | | 2 |
| 9 | A Bathroom 1 | 650 | S | 2 | 14 - SW #4 | | | | | | | 6 - SLE #1 | 6 |
| 10 | A Bathroom 2 | 650 | S | 2 | 14 - SW #4 | | | | | | | 6 - SLE #1 | 6 |
| | B-Wing | | | | | | | | | | | | |
| | | | | | 28 - SW ≢1, | | | | | | | | |
| 11 | #81 | 3360 | S | 2 | 8 - SW #2 | 12 - S | D#4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 12 | #B1 Guard | 240 | S | 1 | 2 - SW #3 | 1 - Si | 0 43 | | | | 1 | | 2 |
| | | | | | 28 - SW #1, | | | | | | | | |
| 13 | #82 | 3360 | S | 2 | 8 - SW #2 | 12 - 8 | D#4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 14 | #B2 Guard | 240 | S | 1 | 2 - SW #3 | 1 - S | 0.003 | | | | 1 | | 2 |
| | | | | | 28 - SW #1, | | | | | | | | |
| 15 | #B3 | 3360 | S | 2 | 8 - SW #2 | 12 - 8 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 16 | #B3 Guard | 240 | S | 1 | 2 - SW #3 | 1 - S | D#3 | | | | 1 | | 2 |
| | | | | | 28 - SW #1, | | | | | | | | |
| 17 | #B4 | 3360 | S | 2 | 8 - SW #2 | 12 - 5 | D #4 | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |

| 18 | ≢B4 Guard | 240 | S | 1 | 2 - SW #3 | | 1 - SD #3 | | | | | 1 | | 2 |
|----|---------------------|------|---|----|---------------------------|------------|-----------|----------|--------------------|----------|--------------|----|-------------|------------|
| 19 | B Bathroom 1 | 650 | S | 2 | 14 - SW #4 | | | | | | | | 6- SLE #1 | 6 |
| 20 | B Bathroom 2 | 650 | S | 2 | 14 - SW #4 | | | | | | | | 6 - SLE #1 | 8 |
| | | | | | | | | | | | | | | • |
| | C-Wing | | | | | | | | | | | | | |
| 21 | #C1 | 3570 | S | в | 15 - SW #1 | | 8 - SD #1 | | | | 12 - SFE #1 | 12 | 24 - SLE #1 | 24 |
| 22 | #C2 | 3570 | S | 6 | 15 - SW #1 | | 8 - SD #1 | | | | 12 - SFE #1 | 12 | 24 - SLE #1 | 24 |
| 23 | #C3 | 3570 | s | 6 | 15 - SW #1 | | 8 - SD #1 | | | | 12 - SFE #1 | 12 | 25 - SLE #1 | 25 |
| | C Guard's | | | | | | | | | | | | | |
| | Room | | S | 1 | 2 - SW #1 | | 1 -SD #1 | | | | | 2 | | 3 |
| 24 | C Bathroom | 650 | s | 2 | 14 SW #4 | | | | | | | | 6 - SLE #1 | 6 |
| | | | | | | | | | | | | | | _ |
| | | | | | | | | | | | | | | |
| | | | | | 9 - SW #1, | | | | | | | | | |
| 25 | Juvenile Bigd | 2090 | S | 9 | 9 - SW #4 | | 8-SD #3 | | | | 9 - SFE #1 | 9 | 10 - SLE #1 | 10 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 5I- DIV- | 40.0 | _ | | 20 - SW #1, | | | | | | | | | |
| 26 | Female Bldg | 1340 | S | 4 | 3 - SW #2 | | 1 - SD#1 | 4-SD #4 | | | 8 - SFE #1 | 8 | 10 - SLE #1 | 1 D |
| | | | | | | | | | | | | | | |
| | Commention | | | | 47 0141.44 | | | | | | | | | |
| 27 | Segregation Bidg | 2300 | s | 18 | 17 - SW #1, 14 - SW #5 | | | 17-SD #4 | | | 17 - SFE #1 | 17 | 19 - SLE #1 | 18 |
| | CADA | 2550 | 3 | 10 | 14 - 314 #3 | | | 17-50 #4 | | | 17 - SFE #1 | 17 | 19 - SLE #1 | 18 |
| | | | | | | B - W #1, | | | | | | | | |
| 28 | Visitor's Center | 4050 | N | 4 | | 8 - W #2. | | | 3 - D #2 | 2 · D#1 | | 9 | | 21 |
| | | | | | | , | | | | | | | | |
| | | | | | | 14 - W #1. | | | | | | | | |
| 29 | Reception Bldg | 3760 | N | 13 | | 2 - W #2 | | | 14 - D #2 | 3- D#1 | | 14 | | 40 |
| | | | | | | | | | | | | | | |
| | Administration | | | | | 6 - W #2, | | | 5 D#2, | | | | | |
| 30 | Building | 1800 | N | 8 | | 9 - W #4 | | | 2 - D#3 | 2 - D#1 | | 9 | | 24 |
| | | | | | | | | | | | | | | |
| | | | | | | 17 - W #1, | | | 5 - D #2, | 1 - □#1, | | | | |
| 31 | Medical Center | 4030 | N | 9 | | 2 - W #3 | | | 2 - D#3 | 1 - 0 🖊 | 11 - \$FE #1 | 17 | | 40 |
| | | | | | | | | | | | | | | |
| | Staff and | | | | | 33- W #1. | | | 20 - D #2 , | | | | | |
| 32 | Regional HQ | 3990 | N | 3B | | 9 - W#5 | | | 10 - D#3 | 12 - D#1 | | 20 | | 72 |
| | | | | | | | | | | | | | | |
| | Kitchen and | | | | 37 - SW # 3 | | | | | | | | | |
| 33 | Rec Hall | 6190 | s | 5 | 2 - SW #6 | | | | | 8- D #1 | | 21 | | 38 |
| - | | g.uu | - | | _ 020 | | | | | 0.15 #1 | | £1 | | 30 |
| | | | | | | | | | | | | | | |

| 34 | Guard House | 300 | N | 2 | 3 - W #1 | 1-D#3 | 1 - D#1 | 2 | 5 |
|----|-------------------------------------|-----|---|---|----------|-------|----------|---|---|
| 35 | Generator and Water Tank Bidg | 860 | N | 3 | 4 - W #4 | 1-D#1 | 3 - D #4 | ß | 9 |
| 36 | Entrance Guard House 1 | 280 | N | 2 | 2 - W #1 | | 3 - □ #1 | 1 | 2 |
| 37 | Entrance Guard House 2 | 280 | N | 2 | 2 - W#1 | | 3 - D #1 | 1 | 3 |
| 38 | Guard Towers (8) | 100 | N | 1 | | | | | 8 |

Basrah Prison General Repair

| | Building | Approx. Sq. Ft Area | Security / Non- Security |
|----|------------------|---------------------------|--------------------------------|
| | A-Wing | | |
| 1 | #A1 | 3360 | s |
| 2 | #A1 Guard | 240 | 5 |
| 3 | #A2 | 3360 | 5 |
| 4 | #A2 Guard | 240 | S |
| 5 | #A3 | 3360 | S |
| 6 | #A3 Guard | 240 | 5 |
| 7 | #A4 | 3360 | S |
| 8 | #A4 Guard | 240 | S |
| 9 | A Bathroom 1 | 650 | S |
| 10 | A Bathroom 2 | 550 | S |
| | Yard / Courtyard | | |
| | B-Wing | | |
| 11 | #B1 | 3360 | 5 |
| 12 | #B1 Guard | 240 | 5 |
| 13 | #B2 | 3360 | S |
| 14 | #B2 Guard | 240 | S |
| 15 | #B3 | 3360 | 5 |
| 16 | #B3 Guard | 240 | 5 |
| 17 | #B4 | 3360 | S |
| 18 | #B4 Guard | 240 | S |
| 19 | B Bathroom 1 | 850 | S |
| 20 | B Bathroom 2 | 650 | S |
| | Yard / Courtyard | | |
| | C-Wing | | |
| 21 | #C1 | 3570 | 5 |
| 22 | #C2 | 3570 | 5 |
| 23 | #C3 | 3570 | 5 |
| 24 | C Bathroom | 850 | S |
| | Yard / Courtyard | | |

| 25 | Juvenile Blgd Yard / Courtyard | 2090 | ន |
|----|--|------|---|
| 26 | Female Bidg Yard / Courtyard | 1100 | s |
| 27 | Segregation Bldg Yard / Courtyard | 2300 | s |
| 28 | Visitor's Center | 4050 | N |
| 29 | Reception Bldg | 3760 | N |
| 30 | Administration Building Yard / Courtyard | 1800 | N |
| 31 | Medical Center Yard / Courtyard | 4030 | N |
| 32 | Staff and Regional RQ Yard / Countyard | 3990 | N |
| 33 | Kitchen and Rec Hall Yard / Courtyard | 6190 | s |
| 34 | Guard House | 300 | N |
| 35 | Generator and Water Tank Bidg | 860 | N |
| 36 | Entrance Guard House 1 | 280 | N |
| 37 | Entrance Guard House 2 | 280 | N |

Yard / Courtyards

| PA PROJECT N | | A 1000- | | denes Deside | dime | |
|--------------|---|------------------|-----------------------|--------------|-----------|---------|
| PA PROJECT I | ITLE: | A-Wing | and B-W | ing Build | ing | |
| BID ITEMS | | | | | CINUTE | DINE |
| PEDIMETER | HICEMITYDESCRIPT | ONSIZE | MEAS | UHENAN' | TITALLIS | TE LIS |
| - FERIMETER | | | | | | |
| | Repair perimet | tion) | SM | | | 0 |
| | Construct new 1.2(concrete or br | perimete | r wall | | | 0 |
| | 1.2(concrete or br | ick const | LUCIDON) | | | |
| | Construct Pred | ast conc | SM | meter | | _ 0 _ |
| | | | | | | |
| | _1.3Repair perimet | er fence | ste &M | | | 0 |
| | 1.4Construct new | Lasimoto | - MARINE | (leet | | _ 0_ |
| | L4Construct new | permate | - samuels | 1001) | | |
| | Construct new | stanistim | inhighed fo | ence | | 0 |
| | | | | | | - |
| | Install steel dig | plateter | high M | | | 0 |
| | 1.5Repair entry/ex | cit gate | Each | 1 | | _ 0 _ |
| | cepan entry/es | Street | | | | |
| | _1.6 install new ent | ry/exit ga | te Each | | | 0 |
| | M-1-1- 10-11-1 | D41 | Fact | | | 0 |
| | Vehicle "Sally | PORT | Each | | | |
| | Man "Sally Por | t' | _ Each | | | _0_ |
| | Inetall razor wi | | sting fen | ce or | | - 1 |
| | 1.7 wall | | LM | | | 0 |
| | Prepare surfac gates or fence 1.8 and 2 coats oil | e and par | nt existi pat prim | ng ler | | |
| | 1.8and 2 coats oil | paint | SM | F | | _ 0_ |
| | Prepare surface perimter wall w 1.9 based paint (la 1.10 ther (Describ Use Bid Item 1 | e and pa | nt existi | ng | | |
| | 1.9 based paint (la | tex) | SM | | | 0 |
| | 1.10 ther (Describ | e in the | pacieciat | advant of | | |
| | Use Bid Item 1 | O It neces | anayqs u | e pelow | | 0_ |
| | Complete struc | tural cor | crefeach | ard | | |
| | tower with stee | roofing | _ | | | _ 0 |
| 0.751110014 | 17714 05000101 | | UNIT | DELLAN | UNIT PR | ICHEM C |
| - SITEWORK | ITEM DESCRIPT | | MEAS | URNIAN | LILLUS) | (\$.US |
| | Remove and di 2.1 and debris | spose or | SM | trasn | | _0_ |
| | Demolish upon | fo otmost | | i i | | |
| | 2.2dispose of all of Grading and le include removi | lebris . | LS | 14- | | 0 |
| | include removi | vering of | grouna idina ob | iects | | |
| | - 2-214 LILI LILI LILILI | | | - | | _0_ |
| | Repair asphalt 2.4 walkways | pavemer | ts or | | | 0 |
| | 2.4 Walkways | | SIVI | | | - 0 |
| | Replace aspha | nt pavens | SM | | | 0_ |
| | Renair concret | | ents or | | | 1 |
| | _ 2.6walkways | + | SM | | | _ 0 |
| | Replace concre | ete paver | nents or | | | |
| | Renair other ty | ne of nav | ements | or | | |
| | 2.8 walkways | po di pai | SM | | | - 0 - |
| | Repair other ty 2.8 walkways 2.9 Other (Describ Use Bid Item 1 | oe in the : | paciciat | re Below | | } |
| | | | | | | 0 |
| | Construct cond | crete enti | A 2 select | 8 | 10.00 | BO |
| | Construct cond | crete enti | y ratheroh | | | |
| | | - | | | I INIT DE | ICH M |
| -FLOOR SYST | EMSEM DESCRIPT | CONSIZE | MEAS | URBIAN | TITUS | (\$ US |
| | Pressure wash 3.1floors | | | | | |
| | 3.1floors | | SM | | | 0 |
| | Remove and di 3.2coverings | spose da | maged 1 | noor | | 0 |
| | 2. Trosamings | - | - OIN- | 1 | | |

| 1 2 3 | Repair structurally damaged floor | | | | | 1 |
|---|--|---|--|---|--|--|
| 3.4 | siebs | | SM | | - | 0 |
| Install new reinforced concrete floor 3.5 state (specify thickness in bid) 2.8 (byter (Describe in the pages before | | | SM | | | 0 |
| 3.5 | Other (Describe in the space below. | | Indicate Unit of | | | |
| | Use Bid Item 10 if necessary) | | Measure Selow | | | 0 |
| 7 | Repair stairs | | SM | | | 0 |
| 1 | Install stairway railing | | LM | | | 0 |
| + | 1 | | UNIT OF | | UNIT PRICE (S | ITEM COST |
| ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | Remove damaged plaster from walls | | | | | |
| 4.1 | and/or gypsum plaster as required | | SM | | | 0 |
| | Prepare wall or ceiling surface, apply | | | | | |
| 4.2 | ligitex (water based) paint | | SM | 3000 | 2.00 | 6000 |
| | Prepare well or ceiling surface, apply | | | | | |
| 43 | | | SM | | | 0 |
| | Demolish unsound walls / cailings | | SU | | | 0 |
| 7.7 | | | 3111 | | | - |
| 4.5 | mortar/plaster finish | - | SM | 84 | 20.00 | 1280 |
| 1 45 | Ramove damaged ceramic tile wall | | SM | | | 0 |
| 4.6 | Other (Describe in the space below. | _ | Indicate Unit of | | | - |
| | Use Bid Item 10 if necessary) | | Measure Below | | | 0 |
| * | Fill in well openings | | SM | | | |
| - | Install suspended ceiling | | SM | | | 0 |
| - | | | SM | | - | 0_ |
| - | Transco superiore sum y | | | | LINIT PRICE / | ITEM COST |
| ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| 61 | Reenal joints around roof bles | | LI2 | | | 0 |
| | Replace and seal damaged or | | | | | |
| 5.2 | | | SM | | | 0 |
| 5.3 | Repair parapet wells, lasca, or saves | | SM | | | 0 |
| | | | | | | |
| 5.4 | Install new steel roof panels | | SM | | 1 | 0 |
| 5.5 | Clear roof drain and downspout | | Each | 32 | 30.00 | 960 |
| 5.6 | Install new roof drain | | Each | | | 0 |
| | | | | | | |
| 5.7 5.B | | | Indicate Unit of | | | 0 |
| | Use Sid Item 10 if necessary) | | Measure Below | | | |
| 1 | | | | | | D |
| (702 | DESCRIPTION | 9175 | UNIT OF | OHANTITY | | (\$ US) |
| (IEE) | Instell new wooden hollow-core door | SZE | MC-COURE | equality (| Vaj | (4 224) |
| 6.1 | (specify size) | | Each | | | |
| 6.2 | Install new wooden door frame (specify size) | | Each | | | 0 |
| | located) many attent days forward, inc. 1 | | 6 | 0.0 | 80.00 | 7840 |
| 5.3 | | - | | 30 | OQ UC | |
| - | | - | | | | 0 |
| - | High security steel bars | | Each | 98 | 80.00 | 7840 |
| 1 47 | Install new steel door frame (specify size) | | Each | 98 | 20.00 | 1960 |
| 5.4 | | | | | | |
| 5.4 | | | | | | |
| 5.4 | Steet double door frame | | Each | | | 0 |
| 6.5 | | | Each Each | | | 0 |
| | 3.5 ITEM 4.1 4.2 4.3 4.4 4.5 4.6 4.7 ITEM 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 | 3.5 Other (Describe in the space below. Use Bid Nerr 10 if necessary) Repair stairs Install stairway railing ITEM DESCRIPTION Remove damaged plaster from walls or ceilings and repair with mortar and/or gypaum piester as required Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats letex (water based) paint 1.2 Prepare well or ceiling surface, apply 1 coat primer/sealer and 2 coats oil based paint 2.3 Descend paint 3.4 Demoish unsound walls / ceilings and dispose of all debris 3.5 Build new masonry wall with mortar/plaster finish 4.6 Remove demaged ceramic bite wall covering and install new bias 4.7 Other (Describe in the space below. Use Bid Item 10 if necessary) Fill in wall openings Install auspended ceiling Remove suspended ceiling Remove suspended ceiling Resoel joints around roof tiles Replace and seal damaged or missing roof tiles Replace and seal damaged or missing roof tiles Repair parapet walls, fascia, or asves 5.4 Install new alcel roof panels 5.5 Clear roof drain and downspout 5.6 Install new roof drain 5.7 Install new downspout 5.8 Other (Describe in the space below. Use Bid Item 10 if necessary) ITEM DESCRIPTION 6.1 (specify size) Install new wooden door frame (specify size) Steel double door | Other (Describe in the space below, Use Birt Item 10 if necessary) | Repair stairs SM Install stairway railing LM Repair stairs SM Install stairway railing LM Remove damaged plaster from walls or ceilings and repair with mortar and/or gypaum plaster are racyured Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats and 2 coats and 2 coats plater (water oased) paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint Prepare well or ceiling surface, apply 1 coat primer/sauler and 2 coats oil based paint SM A. 5 mortar/plaster finish SM Ramove demaged ceramic bile wall covering and install new masonry wall with mortar/plaster finish SM Ramove demaged ceramic bile wall covering and install suspended ceiling SM Remove suspended ceiling SM Resoli joints around roof biles SM Replace and seal damaged or missing roof biles SM Replace and seal damaged or missing roof biles SM SM SM SM SM SM SM Clear roof drain and downspout Each Indicate Unit of Measure Below SM SSM SSM SM SSM SM SM SM SM | Second Color Color | 3.5 Other (Describe in the space below, Measure Ballow Measure Bal |

| | 6.2 | Install new split air conditioning unit (specify number of tons) | | Each | | | _ 0 _ |
|--------------------|--------|--|-------------------|--------------------------------|----------|----------------------|-----------|
| | | | | | | | |
| | 8.1 | install new window air conditioning unit (specify number of watts/ampa) | | Each | | | _ 0 _ |
| MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (S US) | (\$ US) |
| | j | The same of the sa | | | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Hern 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | 1 | (apecity type and size) | on perimeter wall | Each | | 1 | 0_ |
| | - 1.13 | Install new exterior security lighting | - I something | Cath | | - | |
| | 7.15 | tratall new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | 7.14 | for 72 hours continuously) | | Each | | | 0_ |
| | | (with capacity to operate generator | | 1 | | | |
| | 7.13 | model, and capacity) install new fuel tank for generator | | Each | | + | 0 |
| | | changeover switch (specify make, | | 1 | | | |
| | 7.12 | type and size] Install new electrical generator with | | LM | | + | 0 |
| | 7.40 | Install new mains cabling (specify | | 100 | | | |
| | 7.11 | (specify type and capacity) | | Each | | | 0 |
| | 7.10 | Install new mains transformer | | Cath | | 1 | |
| | 7.10 | histall new isolation switch (specify type and capacity) | | Each | | | 0 |
| | 7.9 | cepecity) | | Each | 4 | 700.00 | 2800 |
| | | (specify number of breaker panel | | | | | |
| | 7.8 | type and capacity) | | Each | 4_ | 300.00 | 1200 |
| | | install new circuit breaker (specify | | Each | | - | |
| | ** | Install new telephone jack an/or | 1 | Free | | VI. | 0 |
| | 7.6 | peir) | | Each | | 10.00 | 80 |
| | 7.5 | Install new ceiling fan Install new telephone cable (single | 1 | Each | 72 | 200.00 | 14400_ |
| | 1 | Install and the first | | | | | |
| | | Install nightlights | | Each | | 1 | 0 |
| | 7.4 | Install new flourescent light fixture | | Each | 112 | 20 00 | 224 |
| | 7.3 | install new wall switch | | Each | | 1 | |
| | 7 | | | | | | |
| | 7.2 | Install new electrical outlet | | Eech | 24 | 12.00 | 288 |
| | 7,1 | diameter) | | LM | | | 0 |
| | 1 | electrical wiring (specify wire type & | 1 | | | | 1.7 |
| ELECTRICAL SYSTEMS | ITEM | DESCRIPTION Install new surface-mounted | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | 1 | | UNIT OF | | UNIT PRICE (S | ITEM COST |
| | 1 | | | | | | |
| | 6,12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 1 | |
| | 5 11 | Paint existing window frames | | EA | | | 0 |
| | 6.10 | Clean existing windows | | SM | | | 0_ |
| | | | | | | | |
| | | High security steet bars | | Each | 240 | 65.00 | 2240 |
| | 6.9 | bars) on window | | Each | | | |
| | - | Frame only Install steel security bars (burglar | - | Each | | | 0 - |
| | 6.8 | (apecify size in bid) | | Each | 240 | 65.00 | 15600 |
| | | install new window frame and glass | | | | 0.0 | |
| | 6.7 | frame Prepare rough opening in wall and | | SM | | | 0 |
| | 1 | Remove broken window glass and replace with new glass in axisting | | | | | |
| | | Bathroom stall door | | Each | | 1 | _ 0 _ |
| | 6.5 | size and type in bid) | | Each | | - | 0_ |
| | | | | 1 | | 1 | |
| | | coats oil paint) Install other type of door (specify | | SM | | 1 | 0 |

| | 8.4 | Install naw air supply ductwork | | LM | | | 0 |
|----------------------------|-------|--|------|-----------------------------------|------------|-------------------|--------------------------------|
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| - SANITARY & WATER SYSTEMS | men | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE US) | S ITEM COST (\$ US) |
| | 9.1 | Install new Eastern style toilet | | Each | 64 | 70,00 | 4450 |
| | 9.2 | Install new Western style toilet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | | 0 |
| | | Install new sanitary drein pipes | | 1 | | | |
| | 9.4 | (specify diameter and type) Clean and repair existing septic tanks (to include new locking hatch | | LM | | | 0_ |
| | 9.5 | (notal) new septic tank (to include | | Each | | - | 0 |
| | 9.6 | locking hatch covers) Remove existing septic tanks and | | Each | | | 0 |
| | | manholes | | Each | | - | 0 |
| | 9.7 | Install new porcelain sink with shut- off valves | | Each | | - | 0 |
| | 9.8 | install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | | | 0 |
| | 9.10 | Install backflow prevention yaive | | Each | | | 0_ |
| | 9.11 | install new plastic water tanks | | Each | В | 150 00 | 1200 |
| | 9.12 | Other (Describe in the space below. Use Sid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | - | Install shower unit | | Each | | | |
| | | Water pump | | Each | 4 | 80.00 | 0 |
| O - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE | 240 \$ (TEM COST (\$ US) |
| O THER BID ITEMS | | Provide armed security personnal 24 | JULE | MEAGURE | Storestill | 00) | (* 00) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | | 0 |
| | 10.3 | | | Ī | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | 1) | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | | 1 | | - | 0 |
| | 10.13 | | | + | | - | 0 |
| | 10.14 | | | | | | - 0 |
| | 10,15 | | - | | | | |
| | | | | | | | |

| CPA CONTRUCTION PROJECT BID SHEET | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|
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| Dr. (06) | | |
|---|---|---------------------------------|
| Senior Prisons Adviser CPA(S) | | |
| Diet | | |
| Regional Co-ordinator | ce | A/Head of Pillar Head of Pillar |
| 7 Mar 04 | | (on return) |
| BASRAH CENTRAL PRISON - FUNDING | | |
| I regret to report we were advised on 6 Mar 04 by Prisons Baghdad that the funding for the rebuild of | | partment of son has lapsed. |
| Capital was allocated from 2003 budget and place through CPA(S) December 03, February 04 contrabeen returned to Ministry of Finance, original bidgrequested to re-submit costings in ID – no response | actors identified, how s in USD need to be i | vever Capital had |
| Local information is that the Minister of Justice haprior approval had not been sought. | as personally stopped | the contract as |

Current Position. CPA(S) has no capital for this project, we have to re-start the process through the Iraqi system and calculate this will add two months to the process.

| From: | (a)(a) | CPT, Dept. of Prisons |
|---------------|---------------------|---|
| Sent: | Wednesday, | , December 17, 2003 5:23 PM |
| Ta: | Je kal | |
| Subject: | FW; Prison M | Money in Basrah |
| Tracking: | Recipient | Read |
| | (m light) | |
| | Bartlett, Joseph | h T. (SES) |
| | Armstrong, John | nn J. (SES-OS) Read: 12/17/2003 5:50 PM |
| D (| | |
| Below this in | iessage is text | xt that may be useful regarding my earlier requests for information regarding Basrah. |
| Regards, | | |
| CPT | 7 | |
| | _ Original Messa | |
| From | | -3- |
| | | December 06, 2003 8:49 PM |
| To: | u (ri) | CPT, Dept. of Prisons |
| | ject: RE: Prise | son Money in Basrah |
| (0)(0) | | |
| be a | ctivated, I thin | EST assessment has been completed on this project. The problem is, for MOJ funds to ink it has to go through the Iraqi system (i.e. Iraqi engineers, etc.) and not be tendered we a different view on this? |
| | | get around it with a special authorization. Either way will have to work fast and I would |
| | | am review the project specifications, etc., since they know what a prison should look lik |
| | | Original Message |
| | | From: [010] CPT, Dept. of Prisons |
| | | Sent: Saturday, December 06, 2003 4:04 PM |
| | | (O: [DHZ) |
| | C | Cc: Bartlett, Joseph T. (SES); Ryan, Charles L. (SES-OS); Armstrong, John J. (SES-OS); |
| | Carpti | [6] |
| | Carp | (M) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D |
| | Si | Subject: RE: Prison Money in Basrah Hello, |
| | Si | Subject: RE: Prison Money in Basrah Hello, |
| | Si H | Subject: RE: Prison Money in Basrah Hello, Prison Money in Basrah The 2.2B ID equates to \$1,515,677, based on the 1:1,500 rate. The \$4.4M will have to |
| | Si He | Subject: RE: Prison Money in Basrah Hello, |

Once I have the details requested in my previous email (contractor name, dates of project, etc.), I will request a transfer of the capital balance of ID 4,326,484,000, equivalent to \$2,884,323, into your treasury account. Given the balances and lack of fund draws, I do not believe MOF will allocate any more funds. My hope is that the contract will properly obligate and protect those funds so we do not need to dip into the already stretched budgets of 2004.

The prison advisors here in Baghdad are planning a trip to Basrah on 9 December, Tuesday. The intent is to visit Al Ma'aqil and the proposed Basrah Central site. I am

sure that the team will make notes and directives pertaining to the conditions. I hate to hear that the facility is in decline as it was one of the premier operations when I visited with Mr.

Thank you so much for the updated information.

Cheers,

.3%)

To: OFFICE OF THE UNDER SECRETARY OF DEFENSE (COMPTROLLER)
FROM: OFFICE OF RECONSTRUCTION AND HUMANITARIAN ASSISTANCE
SUBJECT: Funding Request (\$\sin \text{Thousands})

| Project number: ORHA-PR-014 | Date needed: ASAP | | | | |
|--|--|--|--|--|--|
| Short title: Repair of Prison: Basrah Central | ORHA org symbol: MLASA | | | | |
| (Military Barracks) | × | | | | |
| Quantity: Job Unit price:\$4,400,000 | Amount: \$4,400,000 In budget (N) | | | | |
| Request number: PR-014-2003 | Requested by (name): | | | | |
| Detailed description (including staffing requirements and | | | | | |
| Military Barracks (to be named Basrah Central) and include | | | | | |
| inmates. \$3.1 million will be required for construction, \$0 | | | | | |
| management. The areas consist of three cell block wings. | | | | | |
| segregation, kitchen, medical facility, administration facility reception area. Attached are the detailed cost assessments | | | | | |
| Indicate how much, if any, of these requested resources at | | | | | |
| or guard/security requirements | e required for civilian police functions. | | | | |
| Justification: (e.g., personnel safety, security, environmen | tal protection) The Prison system is an integral part of the | | | | |
| criminal justice system. At this juncture of the process, th | | | | | |
| southernmost region of Iraq. Focus has been on the centra | | | | | |
| need of outlying regions in Iraq. A detention center and a | | | | | |
| the military to hold looters and other detaineds for short pe | g due process, and to provide a long-term prison facility to | | | | |
| hold adjudicated inmates serving court imposed sentences | | | | | |
| become fully functional. Safe and secure prison facilities | | | | | |
| effective and humane administration and accountability of | | | | | |
| Impact if not funded: | | | | | |
| Police will be unable to detain suspected individuals in an | | | | | |
| processing investigations and evidence in accordance with holding area for those awaiting trials in the judicial courts, | | | | | |
| hold all pre-trial detainees, this prison will become a post- | | | | | |
| sentence of the courts. | that prison in which convicted initiates will serve out the | | | | |
| | Carlo San Control of C | | | | |
| Item Source: Local External | | | | | |
| Organic Contract | Q | | | | |
| Currency: Local US | Sources Uses | | | | |
| Reimbursable? Yes No | Vested assets Iraqi civil service | | | | |
| Name of Source: | Seized assets Iraqi special workers | | | | |
| | Iraqi infrastructure | | | | |
| Item could be obtained from or provided by: | Appropriated funds | | | | |
| Coalition/Partner Nation: | Iraq Relief and Reconstruction Fund | | | | |
| State USAID CENTCOM ARCENT | Iraqi Freedom Fund | | | | |
| Justice Other: | Natural Resource Risk Remediation Fund | | | | |
| Duplicate assets provided elsewhere in ORHA? | Overseas Humanitarian Disaster & Civic Aid | | | | |
| Yes No | Defense Cooperation Account | | | | |
| (If yes, attach reason) | | | | | |
| | | | | | |
| | Other (specify): | | | | |
| ORHA Comptroller assessment: | This request has been approved by the ORHA | | | | |
| And the same of th | Requirements Review Board. (Y/N) | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

08/31/03 1:52 PM

| Project number: | | | | Date ne | eded: ASA | P | | | | |
|--|---|--|---|--------------|--|--------------|--------------|-----------------------------|--|--|
| Short title: Repai | r of Prison | : Basrah C | entral | ORHA | org symbo | l: MLASA | 1 | | | |
| (Military Barracl | (s) | | | | | | | | | |
| Quantity: Job | Uı | iit price:\$4 | ,400,000 | Amount | : \$4,400,0 | 000 In budg | et (N) | | | |
| | | | | | omptroller s | | | Date | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | _ | | | | | Metos Police | | |
| | ORHA | A MISSIO | N (Billable | category, s | elect one) | | | Function, Security (Y/N) | | |
| A. Overhead: | ORHA Hea | dquarters adı | ministration | & managen | nent | | | | | |
| B. Repair of damage to oil facilities & related infrastructure (Natural Resources Risk | | | | | | | | | | |
| Remediation F | , | | | | | | | | | |
| Reconstruction and | | | ns (Iraq Reli | ief and Reco | instruction l | und, PL 108 | 8-11 categor | | | |
| 1. Water/sani | | | | | | | | YES | | |
| 2. Feeding an | d tood distri | bulion | - E | | | and ruleus | a la Ca | | | |
| 3. Supporting individuals, in | | | | | | | | | | |
| result of milita | | | rines or mine | cem maqre | IVIII WIII | 341101 10330 | 3 43 d | | | |
| 4. Electricity | y operation | | | | | | | YES | | |
| 5. Health care | | | | | | | | | | |
| 6. Telecomm | unications | | | | | | | | | |
| 7. Economic | and financia | policy | | | | | | | | |
| 8. Education | | | | | | | | | | |
| 9. Transporta | | | | | | | | | | |
| 10. Rule of lav | | | ing police) | | | | | YES | | |
| 11. Humanitar | | <u> </u> | | | | | | | | |
| 12. Agriculture | | | - | | | | | | | |
| 13. Other Publ | | | | | | | | | | |
| Additional informati | UII. | | | | | | | | | |
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| Item | Apr | May | Jun | Jul | Aug | Sep | ВУ | BY+1 | | |
| Total | | | | | | | | | | |
| Salaries | | | | | | | | | | |
| Travel/Transport Rent/Util/Maint | | | | | | | | | | |
| Contracts | | [| | | | [| | | | |
| Supplies/Equipm't | | | | | | · | | | | |
| Other | | · . | | | , | | | | | |
| | | | | | | | | | | |
| Office symbol | | | Comn | ents (or att | achment nu | mber) | | | | |
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CLASSIFICATION ORHA FORM 7700 Page 2 of 4

| Project number: ORHA | -PR-014 | Date needed: ASAP | |
|---------------------------|------------------------|-----------------------------------|---------|
| Short title: Repair of Pr | ison: Basrah Central | ORHA org symbol: MLASA | |
| (Military Barracks) | | | <u></u> |
| Quantity: Job | Unit price:\$4,400.000 | Amount: \$4,400,000 In budget (N) | |
| | Decision/ | disposition | |
| Approved: | | | |
| Disapproved: | | | |
| Other: | | Date: | |

ORHA FORM 7700 Page 3 of 4

ORHA BUDGET REQUEST FORM USER'S GUIDE

Request funding for ORHA mission and projects as follows:

- All blocks must be completed. Add lines or attach pages as needed. Identify related projects, if any, in the detailed description.
- 2. Each project must be identified to a specific ORHA Ministry or office. While several of the ORHA ministries relate directly to ORHA Missions identified in Public Law 108-11, the relationship is not as identifiable for other Ministries. In either case, each funding request should be carefully examined to determine assignment of the correct ORHA Mission code. To the extent possible, minimize use of Mission 13. Other Public Services.
- For items included in the budget of record, the ORHA team will determine the approval process for requests equal
 to or less than \$150,000 (exact).
- 4. Forward requests that meet the following descriptions to OUSD(C) for funding determination:
 - A. Increases that exceed \$150,000 for projects included in the budget of record.
 - B. Unbudgeted miscellaneous expenses, in batches that exceed \$150,000 total.
 - C. Requests that equal or exceed \$500,000: Establish a project number and identify a definable objective. Includes requests for soized assets or OMB funding.

| | SUMMARY | |
|---------------------------------|---------------------------|--------------------------------------|
| Request value | Budgeted | Unbudgeted |
| Less than or equal to \$150,000 | ORHA Comptroller approval | Bundle to \$500,000 total and submit |
| \$150,000 to \$500,000 | Submit to OUSD(C) | to OUSD(C) |
| Over \$500,000 | Assign project code an | nd submit to OUSD(C) |

- 5. For items that will not be funded by the Department of Defense or the Natural Resource Risk Remediation Fund, the OUSD(C) will forward the request to the OMB that will, in consultation with the ESG and the National Security Council, make the funding determination. This includes requests for use of seized Iraqi assets.
- The ORHA Comptroller shall assign Project numbers sequentially within ORHA Missions (e.g., the first request for Water/sanitation infrastructure shall be 1-1; the second will be 1-2). Use standard object class codes to identify cost elements of the project.
 - A. Overhead, ORHA Headquarters Administration & Management requests will start with the letter A.
 - B. Requests for Repair of damage to oil facilities & related infrastructure will start with the letter B.
 - C. All other requests will start with their numeric designator, listed below:

| ORHA MISSION (Billable category, select one) | Memo Palice Function Security (Y/N) |
|---|-------------------------------------|
| A. Overhead: ORHA Headquarters administration & management | |
| B. Repair of damage to oil facilities & related infrastructure (Natural Resources Risk | Î |
| Remediation Fund) | <u> </u> |
| Iraq Relief and Reconstruction Fund (PL 108-11 categories): | |
| Water/sanitation infrastructure | YES |
| 2. Feeding and food distribution | |
| 3. Supporting relief efforts related to refugees, internally displaced persons, and vulnerable | - T |
| individuals, including assistance for families of innocent Iraqi civilians who suffer losses as a | ļ |
| result of military operations | |
| 4. Electricity | YES |
| 5. Health care | |
| 6. Telecommunications | |
| 7. Economic and financial policy | |
| 8. Education | |
| 9. Transportation | |
| 10. Rule of law and governance (including police) | YES |
| 11. Humanitarian demining | |
| 12. Agriculture | |
| 13. Other Public Services | |

COALITION PROVISIONAL AUTHORITY - SOUTH

PROJECT SUMMARY NUMBER:

A: KEY PROJECT DETAILS: BASRA CENTRAL PRISON

A1: PROJECT

| CPA Southern Region | | |
|---|--|--|
| Basra Central Prison | | |
| Maj 21C 3 RMP (attached Law & Order Directorate CPA South) | | |
| 15 Sep 03 | | |
| High | | |
| The site will be developed in phases over a 12 month period commencing Sep 03 | | |
| 12 months, with an Initial Operating Capacity achieved within 3 months (Dec 03) | | |
| \$4.4m | | |
| Ministry of Justice Prison Department | | |
| | | |

A2: PROJECT LOCATION:

| Mark 'x' as appropriate |
|----------------------------|
| |
| |
| X |
| NED |
| |

A3: THEMATIC MARKERS:

| | Mark 'x' against all relevant categories | | |
|------------------------------------|--|--|--|
| - Labour intensive (cash for work) | X | | |
| - Labour intensive (food for work) | | | |
| - Repair Parts intensive | | | |
| - Government Capacity Building | X | | |
| - Gender Issues | X | | |

B: IMPLEMENTING AGENCY DETAILS:

| B1: Name | To be advised. |
|----------------------------------|--|
| B2: Contact Details | Project Management Team to be appointed by CPA South, with support from the Law & Order Directorate CPA South and MP Branch HQ MND (SE). |
| B3: Type of Organisation: | Mark 'x' as appropriate: And note any other relevant details |
| - Military | X - UK Forces, on behalf of CPA |
| - Govt. Dept. / State Enterprise | |
| - United Nations Agency | |
| - NGO | |

| - National Commercial Company | |
|-------------------------------|--|
| - Foreign Commercial Company | |

C: PROJECT RATIONALE AND PARTNERSHIPS; OUTCOMES; OUTPUTS; ACTIVITIES; INPUTS AND BUDGET:

| C1: PROJECT RATIONALE: Please provide clear statement of problem that the project is intended to address. | Basra prison was completely looted and destroyed following the war and is considered no longer fit for purpose. An alternative site has been identified at a former Army barracks on the outskirts of Basra (Grid: QU72207380). The site has been visited by the Ministry of Justice Prisons Department (Mr who confirmed that it is suitable for future development as a prison. Initial work has been completed to secure the site, funded as a UK QIP and a detailed technical assessment has been conducted by CPA South FEST, with technical guidance provided by UK Military Provost Staff prisons advisors. CPA Main has now endorsed the requirement to develop this site as a regional post-trial facility for approximately 1,000 medium to high security prisoners. The site will also accommodate the Regional Headquarters of the Iraqi Prison Service. It is possible that this site will | | |
|---|---|--|--|
| | also be used to accommodate Coalition Internees, transferred from temporary holding facilities at Camp Bucca and elsewhere in Iraq. | | |
| C2: PARTNERSHIPS: Please indicate principal partners, if any, involved in project. | Ministry of Justice Prisons Department Iraqi Prison Service (Lt Col Kareem Mahamed) Local Contractors (TBC) CPA South UK Military Police (Maj [55]) UK Military Provost Staff (Capt [55]) | | |
| C3: TARGET GROUP: Please indicate the most likely recipient of the goods &/or services provides. | All categories of inmates, which includes adult male, female and juvenile offenders. The site may also include Coalition Internees, transferred from current temporary holding facilities. | | |
| C4: GENDER, CAPACITY BUILDING: Indicate how these issues are addressed, if at all. | Planned capacity for approximately 1200 medium to high security prisoners: • A & B Wing: 768 males • C Wing: 360 males (possibly Internees) • Juveniles: 84 • Adult Females: 42 • Segregation: 16 individual cells (male or female) • 4 x medical wards, one of which will be for females/juveniles. | | |
| C5: SUSTAINABILITY: Please indicate to what degree sustainability issues have been considered. | The operating costs for this facility will be included in the Ministry of Justice Prisons Department budget. | | |
| C6: PERFORMANCE MONITORING PLANNED & ACCOUNTABILITY CHECK: Indicate steps being taken to monitor performance and assure process seen as fair and equitable. | Given the scale of this project, the Director of Reconstruction for CPA South has recommended that responsibility for the management of this project is assumed by a dedicated Project Management Team. Costs for this are calculated at 10% of the overall total (\$0.4m). | | |
| C7: RISK ASSESSMENT: Please provide a statement concluding the key risk factors to all participants. | The availability of secure custody facilities is central to the restoration of law and order structures within Iraq. | | |

| C8: OUTCOMES, OUTPUTS, INPUTS & ACTIVITIES: | | | | |
|---|--|---|--|------------------|
| - Intended Outcomes: | The construction of a medium to high security prison, housing approximately 1200 prisoners. | | | |
| - Intended Outputs: | Prison buildings which provide adequate security and supporting infrastructure. | | | |
| - Activities Planned: | Safe custody of all offenders. Provision of inmate recreation facilities. Facilities for inmate visitors. | | | |
| - Inputs required - to achieve Activities / Outputs: Please also indicate numbers of local workforce to be involved in project; and whether skilled or not. | Local contractors for initial construction (skilled and unskilled). Local contract for catering (unskilled). Local contractor for maintenance (skilled and unskilled). | | | |
| - Use of existing structures & facilities: Please indicate where, what and whether agreement received. | The site was previously used as a military barracks. | | | |
| C9: PROJECT BUDGET: | Approximate co | nstruction costs include | | |
| Use available space (or attach) to detail the | . ipproximate of | money of the same | | |
| disbursement of funds. Consider labour, | | Item | | Cost (USS) |
| material, equipment, transportation, communication, administrative & other | Capital Works Start-up costs | | | \$3.1m \$0.9m |
| costs. If a multi-agency project, state the | Project Manageme | ent Team | | \$0.4m |
| OCPA-S % share of the contribution. | TOTAL | | | \$4.4m |
| | Capital Works expenditure is based upon the CPA South FEST estimate (\$3.1m). A copy of the FEST Assessment Report is enclosed. Start-up costs have been provided by CPA Main Prisons Department and are based upon the costs incurred to establish similar facilities in Baghdad (\$0.9m). A total of \$37.5k has already been expended to secure this site, funded as a UK Quick Impact Project. Monthly running costs have been calculated at \$160k, based upon the running costs for similar sized facilities in Baghdad. CPA Main will include this figure in their budget submission. Monthly salaries should be calculated for 200 staff of the Iraqi Prison Service. CPA Main will also include this figure in their budget submission. | | | |
| CIO: RATIONALE FOR SINGLE OR MULIPLE SOURCE (CONTRACTING BIDS) | Contracting procedure advised by Director Reconstruction, CPA South will include competitive bidding from contractors together with and international or Iraqi project management team. | | | |
| C11: BUDGET REVIEWED BY: | | | | |
| | (oxe) | | | |

COALITION PROVISIONAL AUTHORITY - SOUTH BASRAH, IRAQ

| U.S. Army Co | rps of Engineers | Forward Engineering S | Support Team |
|-----------------------------|-----------------------------|-------------------------------|----------------|
| Title: WR#49 Ba | asrah Central Prison Pre | eliminary Assessment and Cost | Estimate |
| Requested by: | Major Wanager | Date: | 24 July 2003 |
| Signature: Submitted by: | CPA-S FEST Assesso | | 19 August 2003 |
| Signature: Approved by: | Major PM CPA-S FEST Team Le | | 19 August 2003 |
| | | | |

Project Location: Basrah Grid Coordinates:QU 72396 73718

On-Site Personnel: Not Applicable On-Site Security: Not Applicable

Prison Cost Estimate Summary

| Location Name | Number of | Total Square | Estimated | Cost per |
|---------------------|-----------|--------------|-------------|--------------|
| | Buildings | Meters | Cost | square meter |
| Administration | 4 | 167 | \$15,644 | \$93.68 |
| Medical | 1 1 | | | |
| | | 374 | . \$27,235 | \$72.82 |
| Reception | 1 | 309 | \$20,588 | \$66.63 |
| Staff and HQ | 1 | 750 | \$43,496 | \$57.99 |
| Visitor's | 1 | 376 | \$36,889 | \$98.11 |
| Kitchen and Rec | 1 | 575 | \$32,002 | \$55.66 |
| Entrance Guard | 2 | 50 | \$4,242 | \$84.84 |
| Guard House | 1 | 28 | \$4,896 | \$175.48 |
| Guard Towers | 8 | 72 | \$40,360 | \$56.06 |
| A-Wing & B-Wing | 8 | 2496 | \$152,856 | \$61.24 |
| C-Wing | 3 | 996 | \$66,036 | \$66.30 |
| A, B, & C Bathrooms | 5 | 315 | \$43,345 | \$137.60 |
| Female Holding | 1 | 124 | \$17,663 | \$142.44 |
| Juvenile Holding | 1 | 194 | \$18,643 | \$96.10 |
| Segregation | 1 | 214 | \$30,055 | \$141.85 |
| Generator | 1 | 79 | \$7,139 | \$90.37 |
| Yard & Security | 1 | 32380 | \$1,979,423 | \$61.13 |
| Electrical | | | \$500,000 | |
| Requirements | | } | ,, | |
| TOTAL | | | \$3,040,812 | |

THE CHANGES AND UPDATES

DISCUSSED ON AUGUST 20

ARE NOT INCLUDED IN

THIS PRELIMINARY REPORT.

CPA-SOUTHEAST FEST TECHNICAL ASSESSMENT REPORT

Title: WR# 49 Basarh Central Prison

Date: 30 July 2003

Time: 0830

Location: Basrah, Iraq

Grid Coordinates: QU 72396 73718

Inspectors:

On-Site Personnel/Security: British hired security force

Mission/Objective: The objective of this project is to complete a detailed engineering assessment, a cost estimate, and sufficient documentation to assist in the tendering process for the renovation of this former military barracks to a medium to high security prison. The Basrah Central Prison is intended to hold 1000 to 1500 prisoners.

<u>Background/Description of Problem:</u> The existing military compound consists of twenty nine (29) buildings and a perimeter security wall. The compound was used to train Fedayeen soldiers before the war. The compound contains approximately 32,400 square meters of area inside the perimeter walls.

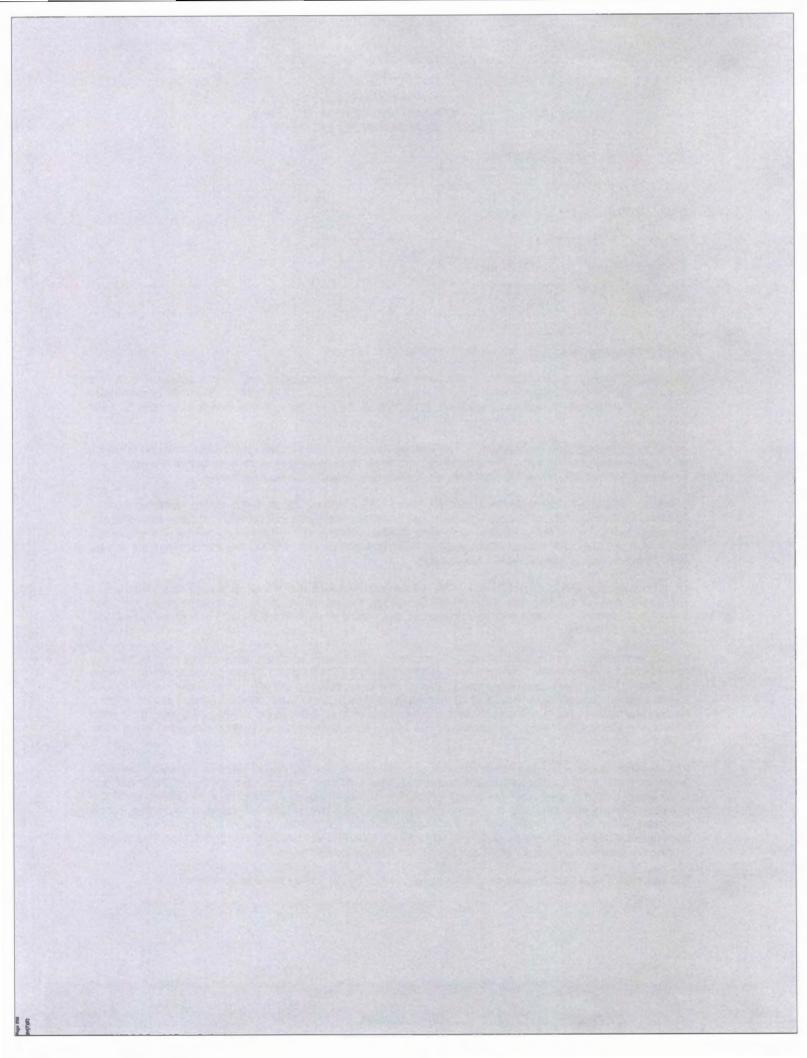
During the war the buildings were extensively looted. All windows, doors, water tanks, plumbing fixtures, furniture, appliances, electrical wiring and equipment, almost anything else that could be removed was removed. It appears that even the buried electric wires were removed. The entire metal roofing on one of the buildings was looted and part of the stone tile on another building was removed. Structurally the buildings are in very good condition with no war damage or fire damage.

Of the twenty nine (29) buildings fourteen (14) will be used to house the prisoners, nine (9) additional will be specifically used for the prisoners, three (3) will be used by the guards, three (3) will be used by the staff, and one (1) to house the generator and electric transformer. Some of the courtyards will be used as recreational areas for the prisoners.

Typical renovation items for the buildings will include new doors, new windows, general wall repairs, painting, new electric service line and breaker panel, electrical outlets, phone service, individual room air conditioning units, ceiling fans, and window security bars. Typical renovation items for the high security buildings will include barred windows, barred doors, bulkhead lights, fans in steel cage enclosures, reduced window and door sizes, tile removal from the floors, and basic toilets in the prisoner rooms. Most of the buildings will require new roof water tanks and new plumbing. The compound will have a backup generator and will be connected to the water main need the street.

The perimeter wall is concrete and was raised to provide security until this project can be completed. The north perimeter presently is a common wall with some residential buildings. A second temporary perimeter wall was constructed until the issue with residential properties can be resolved. There is a security force at the compound that is also providing temporary security measures. This project will include constructing a new perimeter wall inside the existing wall to reinforce the existing. In addition to the perimeter wall there will be constructed 3 meter high security chain link fencing with security wire continuous along the top. This security fencing will subdivide the interior of the compound into different holding segments.

It is important that this prison compound be completed and ready to occupy as soon as possible.



Facts & Technical Details: The twenty nine building will be used as follows:

| Location / Building Designation | Number of Buildings | Total Square Meters |
|------------------------------------|------------------------|------------------------|
| | | |
| Administration | 1 | 167 |
| Medical | 1 | 374 |
| Reception | 1 | 309 |
| Staff and HQ | 1 | 750 |
| Visitor's | 1 | 376 |
| Kitchen and Recreation | 1 | 5 75 |
| Entrance Guard | 2 | 50 |
| Guard House | 1 | 28 |
| A-Wing & B-Wing | 8 | 2496 |
| C-Wing | 3 | 996 |
| A, B, & C Wing Bathrooms | 5 | 315 |
| Female Holding | 1 | 124 |
| Juvenile Holding | 1 | 194 |
| Segregation | 1 | 214 |
| Generator | 1 | 79 |
| | | |
| TOTAL | | 7047 |

In addition to these twenty nine (29) buildings eight (8) guard towers will be built for addition security. These guard towers will be located between the perimeter wall and Sterile Area fencing. The floor of these guard towers will be at a level of four (4) meters.

There are several septic/holding tanks and manholes through the compound. These tanks will be removed and replaced with new tanks, drain lines, and cleanouts. The location of the tanks and the cleanouts will be outside of the fenced in areas for the prisoners. These septic/holding tanks will require periodic cleaning from an outside firm.

Two (2) water tanks will be installed at the Generator/Transformer/Water Tank building that will be supplied with water from the water main near the street. These two tanks will then provide water to the rest of the smaller water tanks through the compound. Circulation of water will be through water pumps at the Generator/Transformer/Water Tank building and at each of the individual buildings. The water supply to each of the buildings bathrooms will be from individual water tanks on the buildings roof.

The electrical supply to the compound entered from the street on the east side. It entered near the Main Gate near the street entrance. The transformer was located in one of the two Entrance Guard Houses (WAS IT?? I AM NOT SURE.) and then went underground from that point to each of the buildings. The new underground electric cable will go directly to the Generator/Transformer/Water Tank Building and will go underground to each building from that point.

There is a limited amount of asphalt pavement within the compound perimeter walls. Portions of the asphalt pavement will require repairs and replacement. The only proposed new pavement is a section to the emergency (double doors) proposed in the Medical Building.

The buildings that will house the prisoners will require high security windows and doors. These windows and doors will be metal bars that will not allow the prisoners to stick an average hand through the grid openings. All windows, doors, and door frames will be metal with continuous weld fabrication. All attachment hardware will be tamper proof. All lights will be of the shatterproof bulkhead design. All rooms, that the prisoners will be in, will also have nightlights that cannot be adjusted or turned off by the prisoners. All fans will be enclosed in steet

cages that have a grill covering to prevent handholds, points of anchorage, or places for attaching ligatures. All floor tiles will be removed and the floor covered with a screed layer of concrete so that the tile cannot later be removed by the prisoners and used as a weapon.

See attached site plan drawings for compound layout.

OBSERVATIONS

Reception Building

A. Description:

The building is a one story structure that is rectangular in shape; $26.5 \text{ m} \pm \text{by } 11.3 \text{ m} \pm \text{lt}$ has a rectangular protrusion on the west wall that is $4.7 \text{ m} \pm \text{by } 2.1 \text{ m} \pm \text{.}$ There are fourteen (14) rooms that vary from 5.9 m by 4 m to 2 m by 4 m. The total footprint of the building is approximately 309 sq. m.

The building is structurally in good condition. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor damage was done to the walls, ceiling, and floors where the stolen items were removed. There are no rooms with fire damage.

The proposed usage of this building is a Reception Building. The rooms will be primarily used for offices. The building will require normal security measures.

B. Security Required

The Reception Building will require Normal Security Measures. The office doors will be solid wood with typical locking devices. All necessary electrical outlets will be located in the individual office rooms and bathrooms. The ceiling fans and light fixtures will not be enclosed in cages. The windows will require typical security bars. The electric panel(s) can be located in their former locations in the hallways. The exterior doors will be metal doors, single width. Double doors will not be required.

C. Repairs and Modifications

All doors and windows will be replaced, resized, or filled in. The double width exterior doors will be replaced with single width metal doors. The excess door widths will be filled in. All windows will have glass. All bathroom fixtures will be replaced and the damaged tiles replaced. Damage to the walls, floors, and ceiling will be repaired and all the rooms and hallways repainted. All electrical fixtures will be replaced and will include a minimum of one outlet in each room for each 3.7 meters of wall length. Phone service will be provided in each room. The rooms will be modified to accommodate air conditioning units. Generally the existing layout of the rooms will not be changed. The roof downspouts will be replaced. Steps will be constructed at each exterior entrance way.

D. Electrical Needs

Each office will have at least one electrical outlet for each 3.7 meters of wall length. Each office room will have a minimum of two light fixtures, one ceiling fan, and an air conditioning unit. The larger rooms will have a minimum of three light fixtures and two electrical outlets. The bathrooms will have at least two light fixtures. The lighting in the hallway will be replaced and the electric panel(s) will be replaced in their former

location(s). All the rooms except the bathrooms will have air conditioning and phone service installed.

E. Plumbing Needs

There are two bathrooms; one shall be designated for men and one for women. Each bathroom shall have two toilets and two sinks. No showers will be installed in this building. A 500 liter water tank will be installed on the roof with the necessary plumbing to each bathroom. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 16 windows with typical security bars
- 2. 14 interior doors wood with locking sets
- 3. 3 exterior doors metal with locking sets
- 4. 4 toilets
- 5. 4 sinks
- 4 bathroom stall doors
- 7. 1 500 liter roof mounted water tank with plumbing
- 8. 40 light fixtures
- 9. 58 electrical outlets
- 10. 14 ceiling fans
- 11. 12 air conditioners
- 12. 3 exterior steps/stairs
- 13. 14 general room repairs and painting
- 14. 1 electrical panel and all necessary breakers and wiring
- 15. 12 phone services(one in each office)
- 16. 10 downspouts



Staff and Regional Headquarters

A. Description:

The building is a two story structure whose shape represents two rectangles overlapped in one quadrant. The total length of the building is approximately 32 m and the total width of the building is approximately 16.6 m. The total footprint of the building is approximately 375 sq. m. and the total square footage is approximately 750 sq. m. There are twenty two (22) rooms that vary from 5.9 m by 4 m to 1.8 m by 4 m. Sixteen (16) of the rooms have separate bathrooms.

The building is structurally in good condition. All the doors, windows, electrical fixtures and wires, electrical panel, air conditioning units, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor damage was inflicted to the walls, ceiling, and floors, especially where the stolen items were removed. Where the windows and doors were removed the frames were generally taken also and wall damage was much more intense. On the ground floor, the floor was damaged where the electrical cable was removed. There are no rooms with fire damage. On the roof is a stairway enclosure. It originally had one window and one exterior door, but those were also looted.

The proposed usage of this building is the Staff and Regional Headquarters Building and the rooms on the ground floor will primarily be used for offices. The rooms on the second floor will be staff living quarters. The building will require normal security measures.

B. Security Required

The Staff and Regional Headquarters Building will require Normal Security Measures. The office doors will be solid wood with typical locking devices. All necessary electrical outlets will be located in the individual office rooms and bathrooms. The ceiling fans and light fixtures will not be enclosed in cages. The windows will require typical security bars. The electric panel(s) will be located in their former locations in the hallways. The exterior doors will be metal doors, single width. Double doors will not be required.

C. Repairs and Modifications

All the doors and windows will be replaced, resized, or filled in. Two double width exterior doors will be replaced with single width metal doors. There will be one entrance door on the west side toward the Medical Building and one entrance door on the south side or east sides of the building. There will be no entrance doors on the north side or east sides of the building. The excess door widths will be filled in. The windows are approximately 2.4 m wide by 1.2 m high except in the bathrooms where the windows are approximately 1 m wide by 0.5 m high. The larger windows will be reduced in size. All windows will have glass. The bathroom windows on the ground floor will be filled in. The bathroom windows on the second floor will remain approximately the same size. On the ground floor all rooms will be used for offices,

and all in-room bathrooms, including separating walls, will be removed and the space converted to office space. The one smaller room on the ground floor will be converted to a bathroom that will accommodate restroom facilities for both men and women. On the second floor all bathroom fixtures will be replaced and the damaged tiles replaced. Damage to the walls, floors, and ceiling will be repaired and all the rooms and hallways repainted. Also on the second floor the smaller room will be converted to a bathroom with shower to accommodate both men and women. All electrical fixtures will be replaced and will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in each office room. The rooms will be modified to accommodate air conditioning units. Except for removing the bathrooms on the ground floor, the existing layout of the rooms will not significantly change. Both flights of interior steps will be repaired. Exterior steps will be constructed at each exterior entrance way with the height determined by the differential grade. windows in the stairway enclosure on the roof will be filled in and the door will be replaced with a metal exterior door. Any wall damage to this stairway enclosure will be repaired. All downspouts will be replaced. The stairway enclosure on the roof will be repaired as necessary. All nine (9) balcony doors will be exterior metal doors. The ground floor will have two (2) exterior entrances with exterior metal doors.

D. Electrical Needs

Each office will have at least one electrical outlet for each 3.7 meters of wall length. Each office room will have as a minimum two light fixtures with one additional light fixture for each 19 sq. m above 19 sq. m, one ceiling fan, and an air conditioning unit. The bathrooms will have all previous electrical outlets and lights replaced, except if they did not exist before then all bathrooms will have least one electrical outlet and two light fixtures. The lighting in the hallway will be replaced and the electric panels will be replaced at their former locations. Where necessary wiring will be attached to and exposed on the face of the walls. All rooms except the bathrooms will have an air conditioning unit and phone service installed.

E. Plumbing Needs

There will be one bathroom on the ground floor. It will be located in the 1.8 m by 4 m room along the north wall. It will be used by both men and women. This bathroom will have two toilets and two sinks. No showers will be installed in this bathroom. On the second floor the bathrooms in each on the 8 rooms will be restored. A separate bathroom will be established on the second floor in the small (1.8 m by 4 m) room on the north wall directly above the bathroom being established on the ground floor. This bathroom will have one toilet, one shower and one sink. This bathroom will be primarily available for the two second floor rooms without bathrooms. Two 1000 liter water tanks will be installed on the roof with the necessary plumbing to each bathroom. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 42 windows with typical security bars
- 2. 30 interior doors wood with locking sets

| 3. | 12 exterior doors – metal with locking sets |
|-----|--|
| 4. | 11 toilets |
| 5. | 11 sinks |
| 6. | 9 showers |
| 7. | 4 bathroom stall doors |
| 8. | 2 - 1000 liter roof mounted water tank with plumbing |
| 9. | 72 light fixtures |
| 10. | 58 electrical outlets |
| 11. | 20 ceiling fans |
| 12. | 20 air conditioners |
| 13. | 2 exterior steps/stairs |
| 14. | 38 general room repairs and painting |
| 15. | 1 electrical panel and all necessary breakers and wiring |
| 16. | 10 phone services in each office |
| 17. | 2 repair stairways |
| 18. | 2 install stairway handrails |
| 19. | 1 repair floor |
| 20. | 8 replace downspouts |
| 21. | 8 remove bathrooms on ground floor |
| 22. | 1 remove door on east wall on second floor |
| 23. | 9 fill in bathroom and stairway enclosure windows |



Administration Building

A. Description

The building is a one story rectangular structure. The total length of the building is approximately 18.3 m and the total width of the building is approximately 9.1 m. The total square footage is approximately 167 sq. m. There are eight (8) rooms that vary from 1.4 m by 4.1 m to 8.7 m by 4.2 m. Three (3) of the existing rooms are bathrooms

The building is structurally in good condition. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls, ceiling, and floors, especially where the stolen items were removed. Where the windows and doors were removed the frames were generally taken also and wall damage was much more intense. In several of the rooms the floor was damaged where the tiles were removed. There are no rooms with fire damage. One of the bathrooms has only an exterior entrance; it cannot be accessed from inside the building.

The proposed usage of this building is the Administration Building and all the rooms will primarily be used for offices. The building will require normal security measures.

B. Security Required

The Administration Building will require Normal Security Measures. The interior office and bathroom doors will be solid wood with typical locking devices. All necessary electrical outlets will be located in the individual office rooms and bathrooms. The ceiling fans and light fixtures will be enclosed in cages. The windows will require typical security bars. The electric panel(s) will be located in their former locations in the hallways. The exterior doors will be metal doors, single width. Double doors will not be required at any location.

C. Repairs and Modifications

All the doors and windows will be replaced, resized, or filted in. The two exterior doors in the north wall will be eliminated. The double width doors will be replaced with single width doors. The excess door widths will be filled in. The windows vary considerably in size from approximately 2 m wide by 1.2 m high to approximately 0.5 m wide by 0.5 m high. The larger windows will be reduced in size. All windows will have glass. All rooms will be used for offices, except for the bathrooms. The small bathroom on the south wall will be eliminated, the wall removed, and the floor space merged with the adjacent room. The bathroom, that only has an exterior entrance, will be merged with the adjacent small bathroom by removing the common wall and reconfigured so that there will be two separate bathrooms. Access will be from the interior of the building; the exterior entrance will be eliminated.

Damage to the walls, floors, and ceiling will be repaired and all the rooms and hallways repainted. The damaged floor tiles will be replaced. All electrical fixtures will be replaced and will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in each office room. The rooms will be

modified to accommodate air conditioning units. Except for removing the one small bathroom and reconfiguring another bathroom, the existing layout of the rooms will not significantly change. The roof downspouts will be replaced. Exterior steps will be constructed at each of the two exterior entrance way with the height being as needed to get from the after graded ground leveled to the sidewalk level. On the roof many of the roof tiles have been removed. These roof tiles will be replaced and the joints over the entire roof sealed/resealed.

D. Electrical Needs

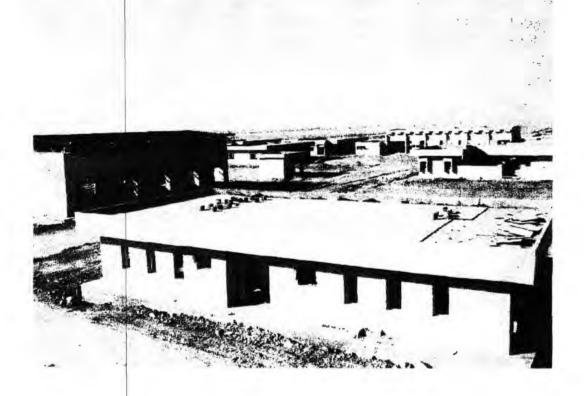
Each office will have at least one electrical outlet for each 3.7 meters of wall length. Each office room will have at least two light fixtures and one additional light fixture for each 19 sq. m above 19 sq. m, one ceiling fan, and an air conditioning unit. The bathrooms will have all previous electrical outlets and lights replaced, except if they did not exist before then all bathrooms will have least two electrical outlets and two light fixtures. The electric panel will be replaced at its former location. Where necessary, wiring will be attached to and exposed on the face of the walls. Each office will have phone service.

E. Plumbing Needs

There will be two bathrooms; one of the existing bathrooms will be removed. There will be separate bathrooms for men and women. These bathrooms shall have as a minimum two loilets and two sinks. No showers will be installed in either bathroom. One 500 liter water tanks will be installed on the roof with the necessary plumbing to each bathroom. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 1. 15 windows with typical security bars
- 2. 7 interior doors wood with locking sets
- 3. 2 exterior doors metal with locking sets
- 4. 4 toilets
- 4 sinks
- 4 bathroom stall doors
- 7. 1 \displays 500 titer roof mounted water tank with plumbing
- 24 light fixtures
- 28 electrical outlets
- 9 ¢eiling fans
- 11. 5 air conditioners
- 12. 2 exterior steps/stairs
- 13. 7 general room repairs and painting
- 14. 1 electrical panel and all necessary breakers and wiring
- 15. 5 phone services in each room
- 16. 4 downspouts
- 17. replace floor tiles
- 18. 2 remove bathroom walls
- 4 install bathroom partitions

- 20. 21. 22. 4 remove bathroom drain openings 2 fill in exterior door openings replace roof tiles



Medical Building

A. Description:

The building is a one story building with two rectangular sections. The total length of the building is approximately 25.9 m and the total width of the building is approximately 24.4 m. The total square footage is approximately 374 sq. m. There are six (6) rooms that vary from 1.6 m by 3.4 m to 11.9 m by 15.2 m. There is one (1) small bathroom.

The building is structurally in good condition. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls, ceiling, and floors, especially where the stolen items were removed. Where the windows and doors were removed the frames were generally taken also and wall damage was much more intense. In several of the rooms the floor was damaged where the tiles were removed. There are no rooms that have fire damage.

The proposed usage of this building is the Medical Building and will be used for the treatment of emergency and minor medical problems. All significant medical problems will be transferred to area hospitals. The rooms will be used for wards, offices, treatment or storage. The building will require normal security measures.

B. Security Required

The Medical Building will require Normal Security Measures. The interior office and bathroom doors will be solid wood with typical locking devices. All necessary electrical outlets can be located in the individual office rooms and bathrooms. The ceiling fans will not be enclosed in cages. Regular light fixtures will be used. The windows will require typical security bars. The electric panel(s) can be located in their former locations in the hallways. One exterior door will be a metal door, single width. A double entry doors will be required on the east wall at the narrow connection section to accommodate emergency patients, gurneys, special equipment, etc.

C. Repairs and Modifications

All the doors and windows will be replaced, resized, or filled in. All doors will be replaced with single width doors except for one set of double doors. Where necessary the excess door widths will be filled in. The windows vary considerably in size from approximately 2 m wide by 1.1 m high to approximately 0.250 m high by 0.76 m wide. The larger windows will be reduced in size. All windows will have glass. The majority of the rooms will be used for wards. The remainder will be used for treatment and offices, except for the bathrooms.

Damage to the walls, floors, and ceiling will be repaired and all the rooms and hallways repainted. The damaged floor tiles will be replaced. All electrical fixtures will be replaced and will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the offices, the treatment room, and at the nurses station only; there will be no phones in the wards. All rooms, except the bathrooms, will be modified to accommodate air conditioning units.

The large open area will be divided in half longitudinally to provide two (2) wards. In the east ward, of these two, an office approximately 3 m by 4.6 m will be constructed. Immediately adjacent to the existing bathroom a second bathroom will be constructed. Both bathrooms will be equipped with 2 sinks, a toilet; and one shower. Single interior wood doors will be installed at the entrance to the two smaller wards. A nurse's station/reception desk will be constructed in the open area that separates the wards.

Significant changes to the existing layout will include dividing the larger room into two wards, constructing a separate office room in the east part of the large ward, adding a small bathroom, and adding a nurse's station/reception desk near the main entrance. The roof downspouts will be replaced. Exterior steps will be constructed at the east exterior entrance way with the height determined by the grade differential. At the west emergency entrance a ramp will be required with a 12 horizontal to 1 vertical slope.

D. Electrical Needs

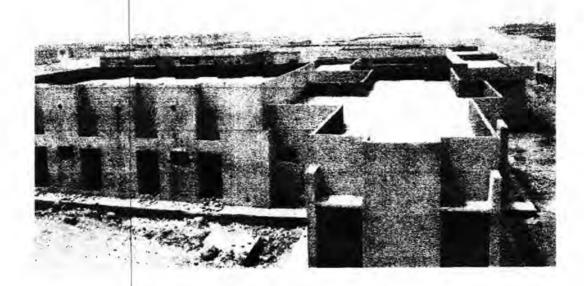
Each room will have at least one electrical outlet for each 3.7 meters of wall length. The new office room will have a minimum of three light fixtures and the medical treatment/storage room will have a minimum of four (4) light fixtures. The bathrooms will have all previous electrical outlets and lights replaced, except if they did not exist before then all bathrooms will have least two electrical outlets and two light fixtures. The electric panel will be replaced at its former location. Where necessary, wiring will be attached to and exposed on the face of the walls. All wiring will be in metal conduit. Each office and the nurse's station will have phone service; there will be no phones in the wards. Each of the four ward areas will have eight lights. They will also have night lights and three fans per room for the smaller rooms and four fans per room for the larger rooms.

E. Plumbing Needs

There will be two bathrooms; one separate bathroom for men and women. These bathrooms shall have as a minimum one toilet, two sinks, and a shower. There will also be 2 sinks installed in the medical treatment room and one sink installed in the new office area. There will be no toilets in either of these rooms. One 500 liter water tanks will be installed on the roof with the necessary plumbing to each bathroom and office area. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 1. 19 windows with typical security bars
- 2. 7 interior doors wood with locking sets
- 3. 2 exterior doors metal with locking sets
- 4. 2 toilets
- 7 sinks
- 6. 2 showers
- 4 bathroom stall doors.
- 8. 1 500 liter roof mounted water tank with plumbing

| 9. | 40 light fixtures |
|-----|--|
| 10. | 40 electrical outlets |
| 11. | 17 ceiling fans |
| 12. | 9 air conditioners |
| 13. | 1 exterior steps/stairs |
| 14. | 1 entrance ramp |
| 15. | 6 general room repairs and painting |
| 16. | 1 electrical panel and all necessary breakers and wiring |
| 17. | 3 phone services in office, treatment room, and nurses station |
| 18. | replace floor tiles |
| 19. | 8 downspouts |
| 20. | 1 full height wall |
| 21. | 1 nurses station/reception desk |
| 22. | 1 bathroom |
| 23. | 1 office |



Visitor's Center Building

A.

Description:

The building is a one story building with basically two rectangular sections. The large rectangular area (12.6 m by 25.4 m) is one open area with high ceilings and steel trusses for the roof support. The smaller attached rectangular section (4.4 m by 10.3 m), on the south wall of the building, contains two rooms; one office area and one large bathroom with showers. The total length of the building is approximately 25.6 m and the total width of the building is approximately 17 m. The total square footage is approximately 376 sq. m. There are three (3) rooms that vary from approximately 12.6 m by 25.4 m to 4.4 m by 5.5 m.

The building is structurally in good condition. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts, roof mounted water tank, and metal roofing were stolen. Minor to moderate damage was inflicted to the walls, ceiling, and floors, especially where the stolen items were removed. Where the windows and doors were removed the frames were generally taken also and wall damage was much more intense. In several of the rooms the floor was damaged where the tiles were removed. There are no rooms that have fire damage. The entire metal roofing was looted over the large open area. The steel roof trusses and purlins remain in place.

The proposed usage of this building is the Visitors Center Building and will be used for the controlled meeting of families with the inmates. It will house separate men and women bathrooms and an office area. The building will require normal security measures.

B.

Security Required

The Visitor's Center will require Normal Security Measures. The interior office and bathroom doors will be solid wood with typical locking devices. All necessary electrical outlets can be located in the visitation area and in the individual office room. There will be no electrical outlets in either bathroom. The ceiling fans and light fixtures will not be enclosed in cages. The windows will require typical security bars. The electric panel will be removed from its location on the south wall and relocated to the interior of the office. Both exterior doors will be metal doors, single width. Double entry doors will not be required at any entrance.

C. Repairs and Modifications

All the doors and windows will be replaced. All doors will be replaced with single width doors with metal doors for the exterior doors and wood doors for the interior. Where necessary the excess door widths will be filled in. The double door on the south wall will be eliminated completely and two exterior doors will be installed; one in the east wall (where the visitors will enter) and one in the west wall (where the inmates will enter). The windows vary considerably in size from approximately 2 m wide by 1.9 m high to approximately 0.5 m high by 0.5 m wide. The larger windows in the visitor's

area and the office will be reduced in size to a maximum size of 1 m by 1 m. All windows will have glass and typical security bars

Damage to the walls, floors, and ceiling will be repaired and all the rooms and hallways repainted. The damaged floor tiles will be replaced. All electrical fixtures will be replaced and will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the office only; there will be no phones in the visitation area. All rooms, except the bathrooms, will be modified to accommodate air conditioning units. The wall height in the visitation area is approximately 6.7 m. A suspended ceiling with insulation will be installed at approximately 3 m. The upper area will be an empty void and unused except for wiring.

The entire metal roofing was removed and only the steel trusses and purlins remain. The roofing will be replaced along with the overhangs, fasciae, soffits, and rain gutters.

The large bathroom will be divided into two separate bathrooms to provide a bathroom for men and a bathroom for women. The showers will be eliminated. Each bathroom will have four toilets and four sinks. The existing bathroom door will be relocated and an additional door installed. Two small windows will be installed in the new bathroom.

The sidewalk along the east side of the building has settled and is sloping away from the building. This entire length of sidewalk must be replaced so that it will not be a tripping hazard to visitors. Exterior steps will be constructed at both exterior entrance ways with the height determined by the grade differential.

D. Electrical Needs

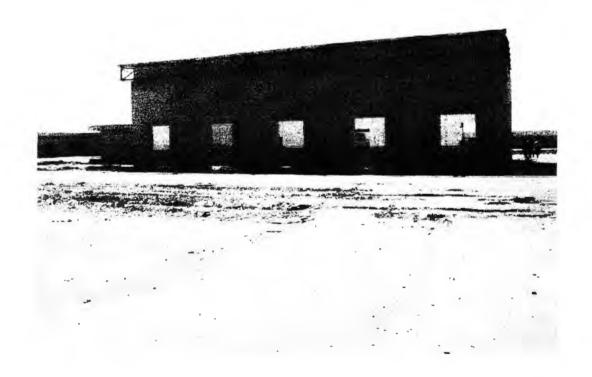
The visitation area and the office will have at least one electrical outlet for each 3.7 meters of wall length. The office room will have a minimum of two light fixtures. The bathrooms will have all previous lights replaced, except if they did not exist before then all bathrooms will have at least two light fixtures. There will be no electrical outlets in the bathrooms. The electric panel will be relocated to the interior of the office. Where necessary, wiring will be attached to and exposed on the face of the walls. All exposed wiring will be in metal conduit. All rooms except the bathrooms will have fans and air conditioning units.

E. Plumbing Needs

There will be two bathrooms; one separate bathroom for men and women. These bathrooms shall have as a minimum four toilets and four sinks. No showers will be installed in either bathroom. One 500 liter water tanks will be installed on the roof with the necessary plumbing to each bathroom. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 16 windows with typical security bars
- 2. 3 interior doors wood with locking sets
- 2 exterior doors metal with locking sets

| 4. | 8 toilets |
|-----|--|
| 5. | 8 sinks |
| 6. | 16 bathroom stall doors |
| 7. | 1 - 500 liter roof mounted water tank with plumbing |
| 8. | 21 light fixtures |
| 9. | 25 electrical outlets |
| 10. | 9 ceiling fans |
| 11. | 7 air conditioners |
| 12. | 2 exterior steps/stairs |
| 13. | 3 general room repairs and painting |
| 14. | 1 electrical panel and all necessary breakers and wiring |
| 15. | 1 phone service in office |
| 16. | replace floor tile |
| 17. | replace suspended ceiling |
| 18. | replace metal roofing, fascia, and soffits |
| 19. | 1 fill in exterior doors |
| 20. | 2 install new exterior doors |
| 21. | 1 replace sidewalk |
| 22. | 1 construct new bathroom walls |
| 23. | 4 replace downspouts |



Guard House

A. Description:

The building is a small one story rectangular building. The building is 6 m by 4.6 m and contains two rooms. The total square footage is approximately 27.9 sq. m. There are two (2) rooms that are about equal in size. The west room has three (3) open walls; the east room has one large door, one exterior window and two interior windows. The building is structurally in good condition. All the doors and windows were stolen. Minor damage was inflicted to the walls where the stolen items were removed. Neither room has fire damage.

This building is in a central location between the various holding centers and its proposed usage is a Guard House. It will be used by the guards as a meeting/assembly area for controlling inmate movement and for controlling the interior gates. This building will require normal security measures. One room has three open walls. These walls will be filled in to a height of 1 meter with openings left in two of the three walls. From this room the guards will be able to observe the activities in and around A-Wing, B-Wing, the Juvenile Holding Building, the Female Holding Building, the Segregation Holding Building, the Generator Building, the Kitchen and Recreation Hall, and the "Saily Port" gate. The second room will provide the guards with an area to store their equipment and personal belonging and with a toilet and sink.

B. Security Required

The Guard House will require Normal Security Measures. There will be only one door installed in the Guard House. In the west room the upper portion will remain open for unobstructed observation of the activities in the prison, there will be no windows. There will be two exterior exits from this room but there will be no doors on these exit openings. There will be one interior door leading into the east room. This will be a metal exterior door. Each of the three exterior walls of the east room will have a 1 m by 1 m window with glass and typical security bars. All necessary electrical outlets will be located in this room. There will be no electrical outlets in the west room. The ceiling fans and light fixtures will not be enclosed in cages. The electric panel will be located in the east room.

C. Repairs and Modifications

The large exterior door in the east room will be filled in completely. A door to this room will be installed in the wall between the two rooms. This will be a metal exterior door. The existing window in the east room will be replaced with a 1 m by 1 m window and similar windows will be installed in each of the other two exterior walls. The existing floor has three troughs in it. These troughs will be filled in and overlaid with a screed layer of concrete to create a smooth floor surface all around. The three open walls in the west room will be filled in to a height of 1 meter. From that height up the walls will remain open and minor repairs will be made where necessary. Openings will be left in the north and south walls but no doors will be required. The troughs in the floor of this room will also be filled in to create a smooth floor surface. The two interior windows

will be filled in. A small bathroom with one toilet and one sink will be built in the east room.

D. Electrical Needs

The east room will have three electrical outlets. This room will have a minimum of two light fixtures. The new bathroom will have all one outlet and one light. The west room will have two lights connected to a common dimmer switch. There will a fan installed in the west room. The electric panel will be relocated to the east room. Where necessary, wiring will be attached to and exposed on the face of the walls. All exposed wiring will be in metal conduit. The east room will be equipped with a fan, an air conditioner, and phone service.

E. Plumbing Needs

There will be one small bathroom with a sink and a toilet. One 250 liter water tank will be installed on the roof with the necessary plumbing to the bathroom. All new drain lines will be required.

- 3 windows with typical security bars
- 1 exterior doors metal with locking sets
- 1 interior bathroom door
- 4. 1 toilet
- 1 sink
- 6. 1 250 liter roof mounted water tank with plumbing
- 5 light fixtures
- 8. 3 electrical outlets
- 2 ceiling fans
- 10. 1 air conditioning unit
- 1 general room repairs and painting
- 12. 1 electrical panel and all necessary breakers and wiring
- 13. 1 phone service
- 14. 1 fill in exterior door
- 3 partially fill in exterior walls
- 16. 1 install new door opening
- 17. 2 repair floors
- 18. 1 construct interior bathroom



Generator - Fuel Tank - Water Tank Building

A. Description:

The building is a one story rectangular building. The building is 11.7 m by 6.7 m and contains three rooms. The total square footage is approximately 79 sq. m. The three (3) rooms are about equal in size (approximately 3.9 m by 6.7 m). Each room has a 0.4 m by 2.4 m window opening near the top of the wall and an 2.6 m by 1.5 m door opening on the wall opposite the window.

This building will be used to house the Electric Generator, the water tanks, the electrical panels and transformers and the water pumps.

The building is structurally in good condition. All the door openings are toward the perimeter wall and all the doors are missing. Minor damage was inflicted to the walls. None of the rooms have fire damage.

B. Security Required

The Generator Building will require Normal Security Measures. The existing door openings are facing in the wrong direction and will be filled in. New openings will be constructed in the opposite wall. In the door openings will be installed metal exterior doors. The doors will be double doors to allow the installation and maintenance of the equipment. In one room will be installed the generator, in another the electrical panels and transformer, and in the third will be the water pump and necessary piping for the prison compound. The long windows just below the roof line will be filled in. When the new door openings are cut they will be on the wrong wall. Similar sized opening will be installed on the opposite wall from the door in the generator bay to allow the heat to escape and to allow air circulation. This window will be open. There will be one interior door opening leading from the Generator room to the transformer room. This door will be a metal exterior door. There will be no interior doors to the room with the water pumps and piping. All three rooms will have new windows with glass and typical security bars in the exterior walls.

C. Repairs and Modifications

All three (3) large exterior doors in the south wall will be filled in completely and three (3) large doors will be installed in the north wall. These will be double exterior metal doors with lock sets. A single metal door will be installed in the wall between the generator room and the transformer room. The three 8 ft by 1.4 ft windows just below the roof line in the north wall will be filled it and one will be installed in the south wall in the room with the generator for air circulation and heat loss. One 1 m by 1 m window will be installed in the south wall of the transformer room and the water pump room and one 1 m by 1 m window will be installed in the east wall of the water pump room and one in the west wall of the generator room. These windows will have glass and typical security bars.

This building will have no bathrooms but there will be one utility sink in the east room with the water pumps and piping. The fuel tank for the generator will be located outside and next to the west wall.

It will be necessary to install an opening in the south wall of the west room for the generator exhaust. Entrance ramps will be installed at each door. Ramps will have six (6) horizontal to one (1) vertical slope.

D. Electrical Needs

All three rooms will have a minimum of three outlets, three light fixtures, and three night lights. Each room will have two ceiling fans. The electric panel will be relocated to the transformer room. Where necessary, wiring will be attached to and exposed on the face of the walls. All exposed wiring will be in metal conduit. The transformer room will be equipped with phone service.

E. Plumbing Needs

There will be no bathrooms in this building. There will be one utility sink in the water pump room. Two 1500 liter water tanks will be installed on the roof with all the necessary plumbing to connect to the water pump in the east room.

- 4 windows with typical security bars
- 3 exterior doors metal with locking sets
- 1 exterior metal door and door opening
- 1 sink
- 5. 2 1500 liter roof mounted water tanks with plumbing
- 9 light fixtures
- 9 electrical outlets
- 6 ceiling fans
- 3 general room repairs and painting
- 10. 1 electrical panel and all necessary breakers and wiring
- 1 phone service
- 3 relocate exterior doors
- 13. 3 fill in 3 vent openings
- 14. 1 install vent opening and exhaust opening



Kitchen and Recreation Hall Building

A. Description:

The building is a one story rectangular building with two small rectangular protrusions on the east and west walls. The large rectangular area (14.6 m by 29.9 m) is an open area with high ceilings (wall height 6.7 m) and a concrete roof. This will be used as the recreational area. The smaller section attached to the south end of the recreation area has a lower ceiling and it contains the kitchen and bathrooms. The bathroom, which is 5.5 m by 3 m, only has one door which opens directly into the recreational area; there is no direct connection into the kitchen area. The kitchen area consists of three (3) rooms. One room is 14.6 m by 4.6 m, the second room is 8.5 m by 3 m, and the third room is 5.5 m by 3 m. The 5.5 m by 3 m room will be used for storage. The 14.6 m by 4.6 m and 8.5 m by 3 m rooms will be used for food preparation and for meal distribution. The total square footage is approximately 575 sq. m.

There are two (2) doors that go from the kitchen area into the recreational area. There are no exterior doors that lead directly from the recreational area. There are two (2) exterior doors from the kitchen area. The recreation area has various sized windows from 4.6 m by 3.2 m to 0.8 m by 0.7 m. The kitchen area also has various sized windows from 4.2 m by 1 m to 0.5 m by 0.5 m. This building has 32 window openings.

All electrical units and wiring were looted. All kitchen appliances were looted. A concrete shelf/table area in the kitchen has settled and will be removed and replaced. The bathroom consists of 2 toilets and five (5) sinks. All bathroom fixtures were looted

The building is structurally in good condition. The only structural deficiency is the concrete table area in the kitchen that has settled. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls and floors, especially where the stolen items were removed. There was a suspended ceiling in the recreational area, but it was completely destroyed. There are no rooms that have fire damage.

The proposed usage of part of this building is the Kitchen for the preparation of basic meals and the Recreational Hall to provide the inmates with an opportunity for exercise. The building will require high security measures.

B. Security Required

The Kitchen and Recreational Hall will require High Security Measures. All interior doors will be metal with typical locking devices. All electrical outlets will be removed from the Recreational Hall and all electrical outlets in the Kitchen Area will have locking devices that cover them. The kitchen area will be off limits to the general population of inmates. There will be no electrical outlets in the bathroom. Even though the ceilings in the Recreational Hall are high, the ceiling fans will be enclosed in cages and the light fixtures will be of a bulkhead type. All of the large windows will be reduced in size and several of the windows will be eliminated. The windows will

require high security bars and will be placed at a level with the bottom edge at 1.5 meter. All electric panels and/or boxes will be located in the Kitchen area; there will be no electric panels in the Recreational area.

All doors will be metal doors, single width. All doors will have locking devices except the bathroom doors. Double entry doors will not be required at any entrance. There will no direct access into the kitchen area from the Recreational area. The existing doors will be removed. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

All the doors and windows will be either be replaced, resized, or filled in. All doors that are replaced will be replaced with single width metal doors. Where necessary the excess door widths will be filled in. The two (2) doors into the kitchen area from the recreational area will be eliminated; there will be no direct access between the kitchen and the recreational area. Two (2) new doors will be installed in the east wall of the recreational building; one near the north end and one near the south end. The door to the bathroom will be relocated near the east wall so that the bathroom can be subdivided.

The windows in the recreational area vary considerably in size from approximately 4.6 m wide by 3.2 m high to approximately 0.8 m by 0.8 m wide. All the windows will be removed from the recreational area and replaced with 1 m by 1 m barred windows. There will be two (2) windows evenly spaced between the building columns (12 windows per side) and there will be four (4) 1 m by 1 m windows on the north wall. There will be no openings retained for air conditioning units.

The windows in the kitchen area vary considerably in size from approximately 4.2 m wide by 1 m high to approximately 0.5 m by 0.5 m wide. All the windows will be removed from the kitchen area and replaced with 1 m by 1 m barred windows. There will be two (2) windows evenly spaced in the east and west walls and there will be four (4) 1 m by 1 m windows on the south wall. There will be no openings retained for air conditioning units.

The remnants of the suspended ceiling will be removed and not replaced in the recreational area. This area will be used for exercise activities which may include such sports as basketball or volleyball.

Damage to the walls, floors, and ceiling will be repaired and all the rooms repainted. The damaged floor tiles in the kitchen will be replaced. All the floor tiles in the recreational area will be removed and the floor covered with a screed layer of concrete. In the kitchen area all electrical light fixtures will be replaced and will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the kitchen only; there will be no phones in the recreation area.

The bathroom will be divided into two separate bathrooms to provide a bathroom for the kitchen area and one for the recreation area. The bathroom for the recreational area will have three toilets and three sinks. The bathroom for the kitchen area will have two toilets and two sinks. Splitting the existing bathroom will require building a solid wall full height and rebuilding partitions within the bathroom areas. A door will be installed from the kitchen area and the door from the recreational area may have to be relocated. There will be no windows in the new kitchen bathroom because of its interior location. The tile flooring in the recreational bathroom will be removed an a screed layer of concrete placed on the floor

Exterior steps will be constructed at both exterior entrance ways with the height being as needed by the grade differential. All downspouts will be replaced.

D. Electrical Needs

The recreation area will have no electrical outlets or electrical panels. Lights, night lights, and ceiting fans will be installed near the roof to protect them from recreational activities. The lights will be the bulkhead type and the fans will be in metal cage enclosures. The kitchen area will have a minimum of twelve light fixtures and seven ceiling fans. The recreation area will have 20 bulkhead type lights and 14 fans. Wining in the kitchen area will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the kitchen only; there will be no phones in the recreation area. The bathrooms will have all previous lights replaced, except if they did not exist before, then the bathroom will have at least three light fixtures. In both bathrooms the light fixtures will be a bulkhead type. There will be no electrical outlets in either bathroom. The electric panel will be relocated to a secure location in the kitchen area within a locking enclosure. Where necessary, wiring will be chased in the walls with ducts.

E. Plumbing Needs

There will be two bathrooms; one separate bathrooms for the recreational area and one for the kitchen area. The recreational bathrooms will have a minimum of three toilets and three sinks; the kitchen bathroom will have a minimum of two toilets and two sinks. No showers will be installed in either bathroom. The kitchen area will have a minimum of two restaurant size sinks. One 500 liter water tanks will be installed on the roof with the necessary plumbing to each bathroom and the kitchen sinks. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

F. Preliminary Material List

- 39 windows with high security bars
- 2. 5 interior doors metal with locking sets
- 3 exterior doors metal with locking sets
- 4. 5 toilets
- 5 sinks
- 6. 5 bathroom stall doors
- 7. 1 500 liter roof mounted water tank with plumbing
- 8. 38 light fixtures and nightlights
- 20 electrical outlets
- 21 ceiling fans

3 exterior steps/stairs 11. 5 general room repairs and painting 12. 13. 1 electrical panel and all necessary breakers and wiring 1 phone service in kitchen office 14. 15. 1 replace kitchen concrete table/shelf 3 fill in door openings 16. 4 install new doors and openings 17. 1 remove suspended ceiling in recreation area 18. 19. 2 remove floor tile and replace with concrete 20. 1 subdivide bathroom 21. 6 replace downspouts



A - Wing and B - Wing Buildings

A. Description:

A - Wing and B - Wing each consist of a cluster of four (4) identical one story buildings. Each of the eight (8) buildings is rectangular 19.5 m long by 12.2 m wide and have a smaller rectangular entrance way that is 9.1 m wide by 2.1 m deep. There are two (2) large open areas in the 19.5 m by 12.2 m section that will be used as men's wards. The entrance way consists of two foyer areas approximately 2.7 m by 2.1 m. Between the two foyers is a 3.8 m by 2.1 m room. This room will be used as the guard station. There were no bathrooms in any of the eight buildings. The total square footage of each building is approximately 312 sq. m.

Each of the eight buildings is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, roof downspouts and roof mounted water tank (if there were any) were stolen. Minor damage was inflicted to the walls and floors, especially where the stolen items were removed. There are no rooms that have fire damage.

Each of the large open areas has one door that exits into one of the two foyer areas. This door is 1.8 m high by 1.3 m wide. From the foyer to the exterior is a second door opening that is identical in size. This door arrangement is typical for both ward areas of all eight buildings. In the long exterior walls there are twelve (12) 0.5 m by 1.2 m window openings and four (4) 0.24 m by 0.24 m vent openings near the ceiling level. In the short rear wall there is one 1.8 m wide by 1.3 m high window opening in the center of the wall. This arrangement of windows is typical for both wards in each building and typical for all eight buildings. The floors have tiles on them. The two foyers in each building and in all eight buildings are identical in size and consist of an open area with a 1.8 m by 1.3 m door opening in and a 1.8 m by 1.3 m door opening out. One fover area in each building also has a door opening into the guard room. This door opening is 2.1 m by 0.8 m. There are no windows in the foyer areas. The guard room has the one entrance door, one large window, and one vent opening. The window size is 1.8 m by 1.3 m and is located in the front wall. The vent opening is just above the window and is 0.24 m by 0.24 m. There are no windows openings into the ward areas. The electric panel for each building was located in the foyer, without the door to the guard room.

The proposed usage of part of this building is house male inmates. Each ward area will have 24 bunk beds for housing 48 inmates. Each building will require high security measures.

B. Security Required

Each of the eight buildings in A — Wing and B — Wing will require High Security Measures. All interior doors will be metal bars with stiding dead bolt and clasp locking devices with padlocks. All doors will open outward and will have the potential for swinging 180 degrees. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at

1.5 meters. No electrical outlets will be installed in the ward areas. All ceiling fans will be enclosed in cages. All lights will be the bulkhead type. All electrical outlets and electric panels and/or boxes will be located inside the guard room. The fan and lights in the guard room will not require enclosures. All attachment hardware, such as bolts and screws, will be tamper proof.

The door to the guard room will be metal exterior doors, single width. All doors will have locking devices. Double entry doors will not be required at any entrance.

C. Repairs and Modifications

All the doors and windows will be replaced, resized or partially filled in. All doors will be replaced with either high security doors with bars or single width metal exterior doors. Where necessary the excess door widths will be filled in. Both door openings in each of the foyers will receive high security doors with the bars and sliding bolt locking devices. The one door into the guard room will be removed and replaced with a high security barred window. A new door will be installed in the front wall in place of the existing window; it will be a metal exterior door with dead bolt lock set. There will be a total of five (5) doors installed in each building.

The windows in the ward areas will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.6 m. The vent openings will be covered with high security bar windows. The size will match the existing. The large opening in the rear wall will be replaced with two (2) 0.5 m by 0.6 m high security bar windows. These windows will be evenly spaced. The large window in the guard room will be replaced with one exterior metal door. The existing door will be replaced with a high security barred window. A second high security barred window will be installed in the common wall with the other foyer. These will be high security 1 m by 1 m windows.

All fans will be placed in steel cage enclosures, except in the guard room. All lights will be of the bulkhead type.

In each ward two toilets and two sinks will be installed. Privacy will be provided through the construction of 1 meter high partitions. These toilets will be located side by side and on exterior walls.

All tiles on the floors will be removed and replaced with a screed layer of concrete. Exterior steps will be constructed at the exterior entrance ways with the height being determined by the grade differential.

D. Electrical Needs

The ward areas will have no electrical outlets or electrical panels. Lights, night lights, and ceiling fans will be installed on and close to the ceiling. The fans will be in metal cage enclosures that will protect them from vandalism. The lights will be of the bulkhead type. All rooms will have night lights. The cages will be constructed so that they cannot be used as handhold or anchorage points. There will be no air conditioners in any of the buildings. Wining in the guard area will include a minimum of

one outlet for each 3.7 meters of wall length or 3 per room. Phone service will be provided in the guard room only; the purpose of these phones is to remain in contact with the rest of the prison security. Where necessary, wiring will be chased in the wall with ducts.

E Plumbing Needs

There will be two toilets and two sinks in each ward. There will be 1 meter high partitions around the toilets for privacy. There will be no toilet facilities in the guard rooms. One 250 liter water tank will be installed on the roof with the necessary plumbing to the toilets and sinks.

- 240 windows with high security bars
 8 exterior doors metal with locking sets
 32 exterior security doors metal with locking sets
 32 toilets
 32 sinks
 32 toilet privacy walls
- 8 500 liter roof mounted water tank with plumbing
- 112 light fixtures and nightlights
 24 electrical outlets
- 10. 72 ceiling fans
- 11. 8 exterior steps/stairs
- 24 general room repairs and painting
- 13. 8 electrical panel and all necessary breakers and wiring
- 8 phone service in guard room
- 15. 16 remove floor tiles from rooms and replace with concrete
- 32 replace downspouts



C - Wing Buildings

A. Description:

The C - Wing Buildings consist of a cluster of three (3) identical one story buildings. Each of the three (3) buildings is basically "C" shaped with straight sides 32.3 m long by 12.8 m wide and have a rectangular area 15.7 m by 5 m removed from the courtyard side. Each building consists of six (6) rooms and a long hallway. There are three exterior doors in each building; one at each end of the hallway and one into the central courtyard. There were no bathrooms in any of the three buildings. The total square footage of each building is approximately 332 sq. m.

Each of the three buildings is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, roof downspouts and roof mounted water tank (if there were any) were stolen. Minor damage was inflicted to the walls and floors, especially where the stolen items were removed. There are no rooms that have fire damage.

Each of the rooms has one door that exits into one of the hallway. These doors are 2 m high by 1 m wide. From the hallway to the exterior are three door openings that is identical in size; they are 2.1 m high by 2 m wide. This door arrangement is typical for all three buildings. There are fifteen window openings in each building. All the windows are 2 m by 1.2 m. Each room has two windows and there are three windows from the hallway to the exterior. This arrangement of windows is typical for all three buildings buildings. The floors have tiles on them. The electric panel for each building was located in the hallway adjacent to the door leading to the courtyard

The proposed usage of part of this building is house male inmates. Each ward area will have 10 bunk beds for housing 20 inmates. Each building will require high security measures.

B. Security Required

Each of the three buildings in C – Wing requires High Security Measures. All interior doors will be metal bars with sliding dead bolt and clasp locking devices with padlocks. All doors will open outward and will swing 180 degrees. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at 1.5 meters. No electrical outlets will be installed in any of the rooms. All ceiling fans will be enclosed in cages. All lights will of the bulkhead type. All electrical outlets and electric panels and/or boxes will be located in an area controlled by the guards. Two of the exterior doors will be removed and the only exterior door will be into the courtyard. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

All the doors and windows will be replaced, resized, partially filled in, or totally removed. All doors will be replaced with high security doors with bars, dead bolts.

locking clasps, and padlocks. Where necessary the excess door widths will be filled in. Both doors at the ends of the hallway will be filled; only the exterior door to the courtyard will remain in use. Each room will also have the high security doors with bars, dead bolts, locking clasps, and dead bolts. All doors will swing outward and have the potential to travel 180 degrees. There will be seven (7) doors installed at each building.

All windows will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.6 m and will be installed with to bottom edge at a level of 1.5 meters above the floor.

All fans will be placed in steel cage enclosures. All lights will of the bulkhead type. All rooms will have night lights.

In each room one toilet and one sink will be installed. Privacy will be provided through the construction of 1 meter high partitions. These toilets will be located on the exterior wall.

D. Electrical Needs

The rooms will have no electrical outlets or electrical panels. Lights, night lights, and ceiling fans will be installed on and close to the ceiling. There will be 2 fans and 3 lights per room. The fans will be in metal cage enclosures that will protect them from vandalism. The cages will be constructed so that they cannot be used as handhold or anchorage points. The lights enclosures will be bulkhead type. There will be no air conditioners in any of the buildings.

QUESTION Where are the guards going to be?*

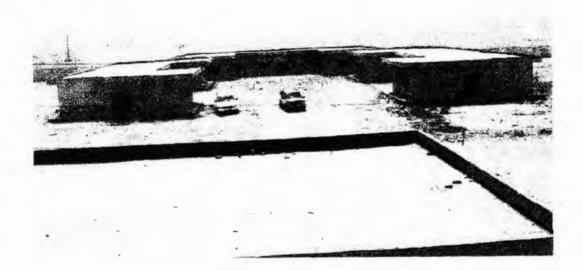
Wiring in the guard area will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the guard room only; the purpose of these phones is to remain in contact with the rest of the prison security. Where necessary, wiring will be chased in the wall in ducts.

E. Plumbing Needs

There will be one toilet and one sink in each room. There will be 1 meter high partitions around the toilet for privacy. One 250 liter water tank will be installed on the roof with the necessary plumbing to the toilet and sink.

- 45 windows with high security bars
- 18 interior security doors metal bars with locking sets
- 3 exterior security doors metal bars with locking sets
- 18 toilets
- 5. 18 sinks
- 18 toilet privacy walls
- 7. 3 250 liter roof mounted water tank with plumbing

| 8. | 54 light fixtures and nightlights |
|-----|--|
| 9. | 9 electrical outlets |
| 10. | 36 ceiling fans |
| 11. | 18 general room repairs and painting |
| 12. | 3 electrical panel and all necessary breakers and wiring |
| 13. | 3 phone service in guard room |
| 14. | 18 remove floor tiles from rooms and replace with concrete |
| 15. | 6 fill in exterior door openings |
| 16. | 9 replace downspouts |



Bathroom Buildings for A - Wing, B - Wing, and C - Wing

A. Description:

The Bathroom Buildings for the three wings are identical. There are a total of five buildings; two in A - Wing, two in B - Wing and one in C - Wing. Each building is 8.1 m long by 7.8 m wide. The total square footage of each building is approximately 63 sq. m. The buildings contain 10 toilets and 2 sinks. There is a full height wall down the middle of the building and there are five partial height partitions on each side of the wall. There is one exterior door which is 2 m by 1.3 m. There are four windows and 10 vent openings. Two windows are 1 m by 1.3 m and two windows are 0.5 m by 0.9 m. The vents are 0.5 m by 0.5 m. There is tile on the floors.

Each of the five buildings is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tanks were stolen. Minor damage was inflicted to the walls and floors, especially where the stolen items were removed. None of the five buildings have fire damage.

The proposed use of these buildings is restroom and shower facilities. Each building will require high security measures.

B. Security Required

Each of the five bathroom and shower facilities will require High Security Measures. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at 1.5 meters. No electrical outlets will be installed in any of the bathrooms. All light fixtures will be a butkhead type design. There will be no ceiling fans. All light switches will be in locking enclosures controlled by the guards. The exterior door will remain open. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

All the windows will be replaced. Where necessary the excess window openings will be filled. The one exterior door will remain open. All windows will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.5 m and will be installed with to bottom edge at a level of 1.5 m above the floor.

All lights will be replaced with bulkhead type light fixtures.

The facilities in each bathroom will be changed from ten (10) toilets and two (2) sinks to four (4) toilets, six (6) showers and two (2) sinks. Partial height partitions will be relocated as necessary.

The tiles on the floor will be removed and replaced with a screed layer of concrete. Exterior steps will be constructed at the entrance ways with the height determined by the grade differential.

D. Electrical Needs

The bathrooms will have no electrical outlets or electrical panels. Lights and night lights will be installed on and close to the ceiling in bulkhead type fixtures. There will be no fans or air conditioners in any of the bathrooms. All wiring will be chased in the wall in ducts.

E. Plumbing Needs

There will be four toilets, six showers, and two sinks in each building. One 1000 liter water tank will be installed on the roof with the necessary plumbing to the toilets, showers, and sinks. The existing drain lines will be cleaned out from the building to their destination and repaired or replaced as necessary.

- 42 windows with high security bars
- 2. 20 toilets
- 10 sinks
- 4. 30 showers
- 50 relocate bathroom partial height partitions
- 50 bathroom stall doors
- 5 1000 liter roof mounted water tank with plumbing
- 8. 30 light fixtures
- 9. 5 exterior steps/stairs
- 10 general room repairs and painting
- 5 electrical panel and all necessary breakers and wiring
- 5 remove all floor tile from each bathroom and replace with concreter
- 13. 10 replace downspouts



Juvenile Holding Building

A. Description:

The Juvenile Holding Building is a "C" shaped one story building. Basically the building consists of three rectangular sections connected near the ends. One rectangle is 15.7 m by 4.6 m, which forms the back side and the other two rectangles are 12.6 m by 4.6 m and are perpendicular to the backside. The total square footage of this building is approximately 194 sq. m. The building consists of nine (9) rooms. Each room has one (1) exterior door and has two to four windows. Of the nine rooms one is a bathroom with two toilets and two sinks: there are no showers.

This building is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls and floors, especially where the stolen items were removed. There are no rooms that have fire damage.

Each of the rooms has one door that exits into one of the courtyard. The doors are 2.1 m high by 1 m wide, except for the door to the bathroom which is 2.1 m high by 0.9 m wide. There are twenty seven windows which vary in size from 0.8 m by 0.54 m to 1 m by 1 m. The floors have/had tiles on them. The electric panel for the building was located in a wall on the courtyard side.

The proposed usage of part of this building is to house juvenile inmates. This building will require high security measures.

B. Security Required

Each room in the Juvenile Holding Building will require High Security Measures. All doors will be bars with sliding dead bolt and clasp locking devices with padlocks. All doors will open outward and will swing 180 degrees. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at 1.5 meters. No electrical outlets will be installed in any of the rooms. All ceiling fans will be enclosed in cages. All lights will be bulkhead type fixtures. All rooms will have night lights. All electrical outlets and electric panels and/or boxes will be located in an area controlled by the guards. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

All the doors will be replaced. All doors will be replaced with high security doors with bars, dead bolts, locking clasps, and padlocks. Where necessary the excess door widths will be filled in. All doors will swing outward and have the potential to travel 180 degrees. There will be eight (8) doors installed at this building.

All windows will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.6 m and will be installed with the bottom edge at a

level of 1.5 meters above the floor. The second windows will be 0.5 m by 0.5 m in size. Five rooms will have two windows (one large and one small). The larger room will have four windows (two large and two small). The rooms on the side toward the Female Holding Building will only have one window (large); there will be no windows in the wall facing the Female Holding Building. The bathroom will have two vent openings (small) on the side not facing the Female Holding Building. There will be aq total of 18 openings.

All fans will be placed in steel cage enclosures attached with tamper proof hardware. All lights will be in bulkhead type fixtures.

All floor tiles will be removed and the floor will be covered with a layer of screed concrete.

In each room one toilet and one sink will be installed. Privacy will be provided through the construction of 1 meter high partitions. These toilets will be located on the exterior wall. The existing bathroom will be changed from two toilets and two sinks to one toilet, one sink, and two showers. The partial height partitions will have to be removed and rebuilt.

Exterior steps will be constructed at both entrance ways with the height being determined by the grade differential. There is a solid wall that partially encloses the courtyard for this building. Two openings will be cut in the wall near the rooms to allow the inmates to pass through. The existing single opening will be filled in.

D. Electrical Needs

The rooms will have no electrical outlets or electrical panels. Lights, night lights, and ceiling fans will be installed on and close to the ceiling. The fans will be in metal cage enclosures that will protect them from vandalism. The cages will be constructed so that they cannot be used as handhold or anchorage points. There will be no air conditioners in any of the buildings. Each room will have one fan except for the large room which will have two and the bathroom which will have none. All lights will use buildhead type fixtures. There will be one light in each room except the larger room which will have two. There will be night lights in each room. Where necessary, wiring will be chased in the walls in ducts.

QUESTION Where are the guards going to be?*

Wiring in the guard area will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the guard room only; the purpose of these phones is to remain in contact with the rest of the prison security.

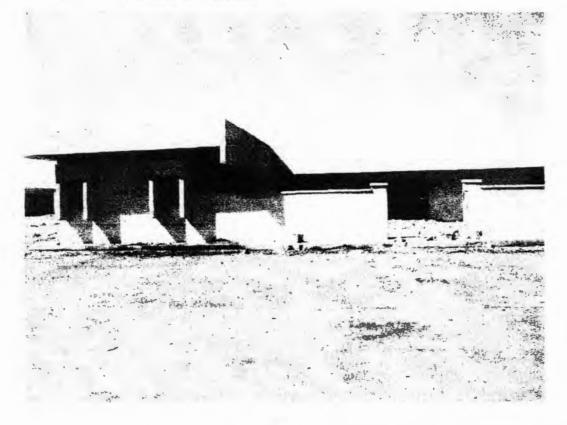
E. Plumbing Needs

There will be one toilet and one sink in each room. There will be 1 meter high partitions around the toilet for privacy. In the separate bathroom there will be one sink, one toilet, and two showers installed. The partitions will be reinstalled for the new

configuration. One 500 liter water tank will be installed on the roof with the necessary plumbing to the toilets, sinks, and showers.

F. Preliminary Material List

1. 18 windows with high security bars 2. 8 exterior security doors - metal bars with locking sets 3. 9 toilets 9 sinks 4. 5. 2 showers 6. 8 toilet privacy walls 3 bathroom stall doors 7. 8. 1 - 500 liter roof mounted water tank with plumbing 9. 10 light fixtures and nightlights 10. 3 electrical outlets 9 ceiling fans 11. 12. 2 exterior steps/stairs 13. 9 general room repairs and painting 1 electrical panel and all necessary breakers and wiring 14. 15. 1 phone service in guard room 9 remove floor tile from rooms and replace with concrete 16. 17. 2 cut openings in courtyard wall 18. 1 fill in opening in courtyard wall 19. 4 replace downspouts



Female Holding Building

A. Description:

The Female Holding Building is a rectangular shaped one story building. It is basically 17.2 m long by 8.2 m wide. The total square footage of this building is approximately 124 sq. m. The building consists of four (4) rooms and a small entrance area. None of the four rooms have an exterior entrance; the entrance to all four rooms is through the small entrance area. The two rooms at the opposite ends of the building have two windows and an air conditioning opening, one of the interior rooms has one window and an air conditioning opening, and the bathroom has no windows. Of the four rooms one is a bathroom with toilets, sinks, and showers.

This building is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls and floors, especially where the stolen items were removed. The floors have/had tiles on them. The floor tile has been partially removed. There are no rooms that have fire damage.

The doors are 2.1 m high by 1 m wide, except the bathroom door which is 2.1 m high by 0.9 m wide. There are five windows, which are 2 m wide by 1.2 m high, and there are four openings for air conditioners, which are 0.8 m wide by 0.6 m high. The electric panel for the building was located in the small entrance way.

The proposed usage of part of this building is to house female inmates. This building will require high security measures.

B. Security Required

Each room in the Female Holding Building will require High Security Measures. All doors will be solid metal with sliding dead bolt and clasp locking devices with padlocks. Solid metal will be used in this building for privacy for the females. All doors will open outward and will swing 180 degrees. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at 1.5 meter for privacy measures. In the north and south rooms there will be no windows in the walls toward the B-Wing Buildings. No electrical outlets will be installed in any of the rooms. All ceiling fans will be enclosed in cages. All lights will use bulkhead type fixtures. All rooms will have night lights. All electrical outlets and electric panels and/or boxes will be located in an area controlled by the guards. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

All interior doors will be replaced with high security solid metal doors with dead bolts, locking clasps, and padlocks. The exterior door will be the security door with bars and dead bolt, locking clasp, and padlock. Where necessary the excess door widths will

be filled in. All doors will swing outward and have the potential to travel 180 degrees. There will be five (5) doors installed in this building.

All windows will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.6 m and will be installed with the bottom edge at a level of 1.5 meters above the floor. There will be two windows in the west wall in each room, except the bathroom. There will be five windows in the north and south walls, and there will be two windows in the east wall of the two end rooms on opposite ends of the building. Three 0.24 m by 0.24 m vent windows will be installed in the room with the bathroom and showers. These vent windows will be close to the ceiling and also covered with the security bars.

All fans will be placed in steel cage enclosures.

All floor tiles will be removed and the floor will be covered with a layer of screed concrete.

In each of the female wards two toilets and two sinks will be installed. Privacy will be provided through the construction of 1 meter high partitions. These toilets will be located on the exterior wall. The existing bathroom will be changed to include three toilet, four sinks, and four showers. The partial height partitions will have to be removed and rebuilt.

Exterior steps will be constructed at the entrance way with the height being determined by the grade differential.

D. Electrical Needs

The rooms will have no electrical outlets or electrical panels. Lights, night lights, and ceiling fans will be installed on and close to the ceiling. The fans will be in metal cage enclosures that will protect them from vandalism. The cages will be constructed so that they cannot be used as handhold or anchorage points. There will be no air conditioners in any of the buildings. Each room will have two fans except for the bathroom which will have none. Each room will have two lights including nightlights except the bathroom which will have three. Where necessary, wiring will be chased in the walls in ducts.

QUESTION Where are the guards going to be?*

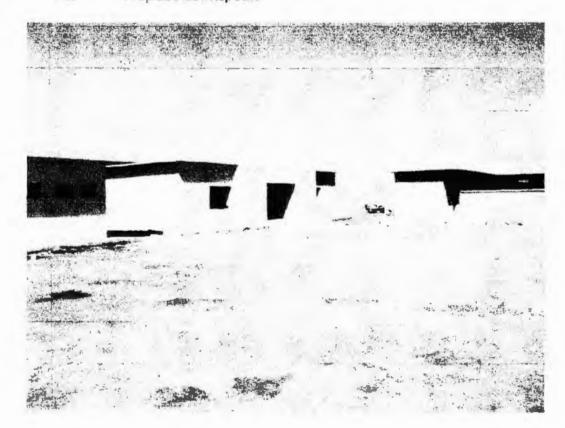
Wiring in the guard area will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the guard room only; the purpose of these phones is to remain in contact with the rest of the prison security.

E. Plumbing Needs

There will be two toilets and two sinks in each room. There will be 1 meter high partitions around the toilet for privacy. The separate bathroom will have three toilets, four sinks, and four showers. One 500 liter water tank will be installed on the roof with the necessary plumbing to the toilets, sinks, and showers.

F. Preliminary Materials and Repair List

23 windows with high security bars 1. 5 exterior security doors - metal bars with locking sets 2. 3. 9 toilets 10 sinks 4. 5. 4 showers 6 toilet privacy walls 6. 7 bathroom stall doors 7. 8. 1 - 500 liter roof mounted water tank with plumbing 10 light fixtures and nightlights 9. 3 electrical outlets 10. 8 ceiling fans 11. 12. 1 exterior steps/stairs 4 general room repairs and painting 13. 1 electrical panel and all necessary breakers and wiring 14. 15. 1 phone service in guard room 4 remove floor tile from rooms and replace with concrete 16. 17. 1 rebuild bathroom partitions 18. 4 replace downspouts



Segregation Building

A. Description:

The Segregation Holding Building is a "C" shaped one story building. Basically the building consists of four rectangular sections connected at the ends. One rectangle is 31.9 m by 3 m, which forms the back side, the two sides are rectangles are 14.3 m by 3 m, and the fourth section is 10 m by 3 m. The total square footage of this building is approximately 214 sq. m. The building consists of eighteen (18) rooms. Each room has at least one exterior door and two windows. Four of the rooms have two doors. Three rooms have three windows and four rooms have four windows. Of the eighteen rooms one is a bathroom with two toilets and two sinks; there are no showers.

This building is structurally in good condition. There were no structural deficiencies noted anywhere. All the doors, windows, electrical fixtures and wires, electrical panel, bathroom fixtures, roof downspouts and roof mounted water tank were stolen. Minor to moderate damage was inflicted to the walls and floors, especially where the stolen items were removed. This building has more extensive damage than the other buildings in this compound. There are no rooms that have fire damage.

Each of the rooms has one door that exits into the courtyard. The doors are 2 m high by 0.9 m wide. There are forty five windows which are either 0.9 m by 0.3 m or 1 m by 1.2 m. The floors have/had tiles on them. The electric panel for the building was located in a wall on the courtyard side.

The proposed usage of this building is to segregate the worst inmates from the rest of the inmate population. This building will require high security measures.

B. Security Required

Each room in the Segregation Building will require High Security Measures. All doors will be solid metal with sliding dead bolt and clasp locking devices with padlocks. All doors will open outward and will swing 180 degrees. All windows will be reduced in size and will be covered with bars in a grid patterns. The grid openings will not be large enough to allow an average hand to pass through. The windows will be placed at a level with the bottom edge at 1.5 meters. No electrical outlets will be installed in any of the rooms. All ceiling fans will be enclosed in cages. All lights will use bulkhead type fixtures. All electrical outlets and electric panels and/or boxes will be located in an area controlled by the guards. All attachment hardware, such as bolts and screws, will be tamper proof.

C. Repairs and Modifications

Each room will have installed one high security solid metal doors with bars, dead bolts, locking clasps, and padlocks. All additional doors will be filled in. Where necessary the excess door widths will be filled in. All doors will swing outward and have the potential to travel 180 degrees. There will be seventeen (17) doors installed in this building.

Thirty one windows will be replaced with smaller sized high security bar windows. The maximum size will be 0.5 m by 0.6 m and will be installed with the bottom edge at a level of 1.5 meters above the floor. The second windows will be 0.24 m by 0.8 m in size. The rooms on the side toward the Female Holding Building will only have one window with no window on the Female Holding Building side. The bathroom will have two vent openings on the side not facing the Female Holding Building.

All fans will be placed in steel cage enclosures.

All floor tiles will be removed and the floor will be covered with a layer of screed concrete.

In each room one toilet and one sink will be installed. Privacy will be provided through the construction of 1 meter high partitions. These toilets will be located on the exterior wall. The existing bathroom will be changed from two toilets and two sinks to one toilet, one sink, and two showers. The partial height partitions will have to be removed and rebuilt.

Exterior steps will be constructed at both entrance ways with the height being determined by the grade differential. There is a solid wall that partially encloses the courtyard for this building; there are two openings through this wall. A new opening will be cut in the wall near the southeast rooms to allow the inmates to pass through. The opening near this new cut will be filled in. The second opening is correctly located and will be used after being repaired.

D. Electrical Needs

The rooms will have no electrical outlets or electrical panels. Lights, night lights, and ceiling fans will be installed on and close to the ceiling. All fans will be in metal cage enclosures that will protect them from vandalism. The cages will be constructed so that they cannot be used as handholds or anchorage points. All lights will be bulkhead type fixtures. Night lights will be installed in each room. There will be no air conditioners in any of the buildings. Each room will have one fan except for the bathroom which will have none. Each room will have one light including nightlight except the bathroom which will have two. Where necessary, wiring will be chased in the walls in ducts.

QUESTION Where are the guards going to be?*

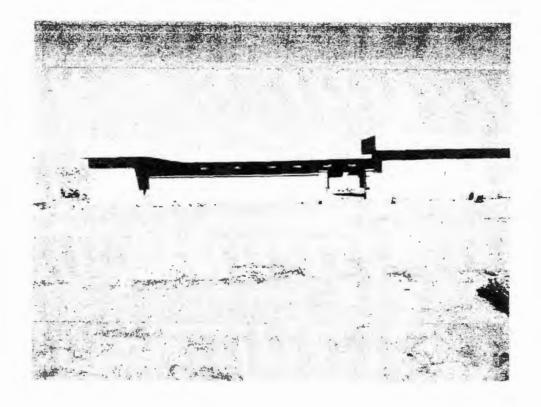
Wiring in the guard area will include a minimum of one outlet for each 3.7 meters of wall length. Phone service will be provided in the guard room only; the purpose of these phones is to remain in contact with the rest of the prison security.

E. Plumbing Needs

There will be one toilet and one sink in each room. There will be a 1 meter high partitions around the toilet for privacy. The separate bathroom will have one toilet, one sink, and two showers. One 500 liter water tank will be installed on the roof with the necessary plumbing to the toilets, sinks, and showers.

F. Preliminary Material List

| 1. | 31 windows with high security bars |
|-----|--|
| 2. | 17 exterior security doors - solid metal with locking sets |
| 3. | 18 toilets |
| 4. | 18 sinks |
| 5. | 2 showers |
| 6. | 17 toilet privacy walls |
| 7. | 3 bathroom stall doors |
| 8. | 1 - 500 liter roof mounted water tank with plumbing |
| 9. | 19 light fixtures and nightlights |
| 10. | 3 electrical outlets |
| 11. | 17 ceiling fans |
| 12. | 2 exterior steps/stairs |
| 13. | 18 general room repairs and painting |
| 14. | 1 electrical panel and all necessary breakers and wiring |
| 15. | 1 phone service in guard room |
| 16. | 18 remove floor tiles from rooms and replace with concrete |
| 17. | 1 rebuild bathroom partitions |
| 18. | 1 cut opening in courtyard wall |
| 19. | 1 fill in opening in courtyard wall |
| 20. | 12 replace downspouts |
| | |



Entrance Guard Houses

A. Description:

There are two (2) one story buildings just inside the Main Gate for the guards. These buildings are identical and are rectangular in shape. Each building is approximately 4 m by 6.4 m. Both buildings contain two rooms. The total square footage of each building is approximately 25 sq. m. Each building has two doors and one window.

Each building is structurally in good condition. All the doors and windows were looted. Minor damage was inflicted to the walls where the stolen items were removed. Neither building has fire damage.

These buildings are located on either side and immediately inside the Main Gate. When the Main Gate, which opens inward, is open these two buildings are partially blocked. These two buildings will be used by the guards as a meeting/assembly area for controlling all movement in and out of the prison and for an observation point for activity in the eastern part of the compound. Guards from these buildings will be responsible for the main "Sally Port" entrance. These buildings will require normal security measures.

B. Security Required

The Entrance Guard Houses will require Normal Security Measures. There will be three exterior doors installed in each Entrance Guard House. The windows will be replaced with the same size windows. Each will have glass and typical security bars. Electrical outlets will be restored in each building. The ceiling fans and light fixtures do not need to be enclosed in cages. The electric panel will be relocated in its previous location.

C. Repairs and Modifications

In each building the window and two doors will be replaced. In addition a third door will be installed that will open into the Sterile Area between the perimeter wall and the first fence line. This door will be a solid metal exterior door.

A small bathroom with just one toilet and one sink will be installed in each building.

A ceiling fan and two lights will be installed in each building

D. Electrical Needs

Each building will have a minimum of three electrical outlets. Each building will have a minimum of two light fixtures. In addition the building with the bathroom will have an additional outlet and light. The electric panel will be relocated in its previous location. Where necessary, wiring will be attached to and exposed on the face of the walls. All exposed wiring will be in metal conduit. Both buildings will be equipped with a fan and one of the buildings will be equipped with a phone service.

E. Plumbing Needs

In one of the two buildings there will be one bathroom with a sink and a toilet. One 100 liter water tank will be installed on the roof with the necessary plumbing to the bathroom. All new drain lines will be required.

F. Preliminary Materials and Repair List

- 2 windows with typical security bars
- 2. 6 exterior doors metal with locking sets
- 3. 1 interior wood door
- 4. 1 toilets
- 1 sinks
- 6. 1 250 liter roof mounted water tank with plumbing
- 5 light fixtures
- 8. 5 electrical outlets
- 2 ceiling fans
- 4 general room repairs and painting
- 11. 1 electrical panel and all necessary breakers and wiring
- 12. 1 phone service
- 13. 2 replace downspouts



Guard Towers

A. General

At the present time there are no guard towers. Eight guard towers are required; one at each comer and one on each side midway between the corners. The Guard Towers will be located in the Sterile Area between the perimeter wall and the first interior fence line.

B. Size and Construction

The Guard Towers will be constructed using concrete columns, floor and roof. The tower will be 3 m by 3 m and a total height of 7 m. The floor will be at a height of 4.0 m. There will be a 1 m high protective wall around the entire perimeter at the floor level. The roof will slope away from the interior of the prison. Access will be by means of steel stairs.

The towers will be provided with a single toilet and a sink. Around the toilet will be a 1 m high privacy partition. The toilet will be on the side away from the interior of the prison.

The Guard Towers will be founded on reinforced concrete footings.

Each Guard Tower will be provided with an electrical supply, a flood light, and a phone service for emergency contact.

Preliminary Materials and Repair List

- 1 8 concrete towers with foundations and safety walls
- 2. 8 steel stairs
- 3. 8 toilets
- 4 8 sinks
- 5. 8 100 liter roof mounted water tank with plumbing
- 6. 8 light fixture
- 7. 8 electrical outlet
- 8. 8 electrical box
- 9. 8 phone services

Yard and Compound Security

A General

The prison yard is approximately 32380 sq. m (8 acres) inside the perimeter wall. There are 37 existing structures, 14 will have beds for inmates. The prison will be a medium to high security prison and will house 1000 – 1500 inmates. There is a solid perimeter wall is in place as well as the shell to all of the buildings except the guard towers.

B. Security Wall and Fence

Security measures will include a 4 meter high solid perimeter wall and 3 meter high interior chain link fence with a coiled razor wire on top for all interior fencing. The first internal wire barrier will be continuous except for the break at the Main Gate.

There is a solid continuous perimeter wall around the entire compound. There is only one opening in this wall and that is located at the Main Gate. The original wall was raised by one meter and repaired as necessary to provide temporary security until the prison compound construction is undertaken. This wall will remain in place and reinforced by a second just inside the perimeter. This second wall will consist of driven steel columns with precast concrete panels between the columns. The precast concrete panels will be positively attached to the steel columns and the panels will be set on a precast concrete footing to prevent differential settlement. This new wall will raise the perimeter wall to a height of 4 meters. The gap between the two walls will be filled with concrete. The step in the wall on the exterior will be eliminated by constructing a tapered section out of cast-in-place concrete on top of the existing perimeter wall. The slope of this tamper will be a minimum of 3 vertical to one horizontal.

Encasing the top of the precast wall will be attached a smooth surface, round plastic cylindrical pipe with a minimum diameter that is two feet greater than the wall thickness. This pipe will be split longitudinally on one side and slid down over the top of the wall. It will then be attached to the wall using steel angle sections and bolts. The purpose of the smooth pipe is to eliminate any handholds for scaling over the wall.

Just within the solid perimeter wall will be a continuous three (3) meter high chain link fence with a double arm ("Y") top section and coiled razor wire and a buried metal sheet below to prevent inmates from digging under. This fence will only have one opening and that will be at the Main Gate. At this opening will be a "Sally Port". Entrance to the "Sterile Area" between the solid perimeter and this fence will be through doors in the Entrance Guard Houses at the Main Gate.

Completely surrounding clusters of buildings will be a three (3) meter high security chain link fence that is totally independent from the Sterile Area fence. This fence will also have the double arm ("Y") top section and coiled razor wire and metal dig plates below. There will be eight areas fenced off; except for the fence for the C-Wing some areas will share a common fence line.

Entrance into the individual fenced areas will be through double gated "Sally Port" security gate entrances. Three of these Sally Ports will accommodate vehicles. They will be located at the Main Gate, at the entrance area to the Kitchen and Recreational Building, and at the entrance to the Medical Center. The remaining entrance areas will have Sally Ports for only individuals to pass through. There will be four of these "man only" Sally Ports. These Sally Port gates will require fence, razor wire and dig plates.

C. Security Lighting

On top of the solid perimeter wall will be mounted security lights to illuminate the prison compound. These lights will be located at a maximum spacing of 50 meters. There will be twelve security lights mounted to the perimeter wall.

On the roof of each building, except the bathrooms, will be security flood lights that will illuminate the entire yard area around the buildings. There will be 100 yard security lights.

**** QUESTION: DO WE NEED LIGHTS ON EVERY BUILDING? ****

D. Guard Towers and Guard Houses.

Within the Sterile Area will be constructed eight (8) guard towers. There will be one at each corner and one on each side midway between the corners. These towers will be constructed of concrete and will be seven (7) meters high.

Near the center point of the yard and at ground level will be a Guard House from which the guards can watch most of the activity in the complex and can control all movement at most of the internal gates. Guards at the Main Gate will watch the activities in the remainder of the yard and also control gate activities.

E. Utilities

All sewer drain lines, water lines, and electric lines within the prison compound will be buried. There will be no exposed or overhead utilities.

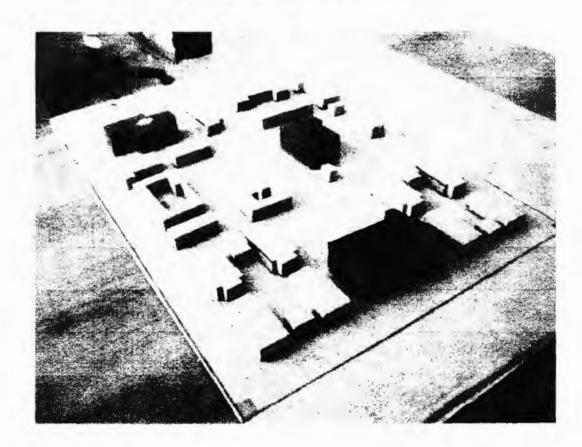
All the buildings will be connected by a phone service system for emergency situations.

Water service will be provided to the Prison Compound from the main water line near the street. This water service will require the installation of a 100 mm diameter lateral pipe with valves and backflow prevention from the main to the Generator, Water Tank, and Fuel Tank Building where a water pump will be located.

Five concrete septic/ holding tanks will be installed in the Yard outside the individual fenced in security areas. These tanks will require periodic pumping. Drain lines and clean outs will be installed from each of the buildings to the nearest septic/holding tank. Almost all clean outs will be located outside the individual fenced in security areas.

F. Preliminary Materials and Repair List

- 1840 meters of 3-meter chain link fence with "Y" top section and Coiled razor wire
- 2. 1840 meters of "dig plates"
- 725 meters of precast concrete 4 m perimeter wall with steel columns, footings, and cap section
- 3 "Sally Port" vehicle gates; 21.3 m fence, two 3.7 m gates, two 1.2 m gates, 2.3 m razor wire, and 32 m dig plates
- 4 "Sally Port" man gates; 8.5 m fence, two 1.2 m gates, 8.5 m razor wire.
 11 m dig plates
- 6. 12 Perimeter security lights
- 100 Building security lights
- 8. 1270 meters of 150 mm diameter sewer drain line
- 180 meters of 100 mm diameter water main with 2 valves
- 10. 5 Septic/holding tanks
- Site grading
- 12. Repair to asphalt pavement
- 13. 13 remove existing septic tanks and manholes



Electrical - Generator

Basrah Central Prison Electrical Load

| LOADS | MAX (kw) | DESIGN (kw) | |
|---|----------|----------------|----------------|
| Interior Load | 536,107 | 322,477 | |
| Exterior Load | 75,250 | 75,250 | |
| Subtotal Load | 611,357 | 397,727 | |
| Safety/Expansion Factor (15%) | 91,704 | 59,659 | |
| Maximum Total Load | 703,061 | 457,386 | |
| EQUIPMENT INVENTORY & COST ESTIMATE | | | |
| (Costs to Purchase & Install) | QUANTITY | UNIT COST (\$) | ITEM COST (\$) |
| Emergency Generators 600 KW | 2 | \$119,000 | \$238,000 |
| ITEM-1 Ceiling light with protective grill | 491 | \$20 | \$9,816 |
| ITEM-2 Night Light with protective grill | 458 | \$20 | \$9,152 |
| ITEM-3 Ceiling Light (Hallway) | 58 | \$10 | \$580 |
| ITEM-4 Ceiling Light (Workspace) | 259 | \$10 | \$2,590 |
| ITEM-5 Ceiling Fan w/Protective Grill & Room | Table 1 | | |
| Wiring | 259 | \$35 | \$9,065 |
| ITEM-6 Ceiling Fan w/Room Wiring | 110 | \$25 | \$2,759 |
| ITEM-7 13-amp Electrical Outlets w/Room Wiring | 89 | \$10 | \$890 |
| ITEM-8 15-amp A/C Electrical Outlets w/Room Wiring | 53 | \$10 | \$530 |
| ITEM-9 1hp Water Pump (Centrifugal) | 26 | \$100 | \$2,600 |
| ITEM-10 Refridgerator | 9 | \$500 | \$4,500 |
| ITEM-11 Perimeter Flood Lights (250 Watt Metai | | | |
| Halide, Pole Mounted Mounted) | 172 | \$400 | \$68,800 |
| ITEM-12 Yard Flood Light (150 Watt Low Pressure | | | |
| Sodium Light, Wall Mounted) | 162 | \$250 | \$40,500 |
| ITEM-13 Overdoor Flood Light (150 Wett Low | | | |
| Pressure Sodium Light, Wall Mounted) | 53 | \$250 | \$13,250 |
| | | TOTAL | \$403,032 |
| | | | |

NOTE-1: Estimate does not include overhead (8%) and profit (8%). Unit costs are for materials and labor only.

Overhead and profit to be included in summary estimate of all work elements.

NOTE-2: Estimate does not include purchase and installation of new main transformers, changeover switch, circuit breaker panels, isolation switches, or cabling. These depend on the installation design to be done by Infrastructure Assessment Team

FOR PRELIMINARY COST ESTIMATE USE.
8 500,000

Design Analysis:

- 1. Design is based on the Exel electrical load data sheet. Transformer and generator size are based on the given demand loads in the data sheet.
- Panel board size and over current protection devices are sized per Square-D Product (Panel board 600volt, I-Line, 3-pole, type HCN and HCM; circuit breaker type IEC rated 415/240Vac Maximum, 50/60Hz Class 600)
- 3. All feeder and branch circuits are size in according with the American Wire Gage (AWG).
- 4. Refer to the Exel spread sheet for maximum number of devices can be loaded on a typical branch circuit.

Branch Circuit Calculation

| Load Type 1. 40Watt Celling Light W Protective Grill | Circuit Breaker 20Amp, 1-pole | Voltage 240 V | Max number device per cirult 90 fixtures | Conductor Size 2-#12 AWG + #12 AWG ground | Conduit 1/2" |
|--|----------------------------------|------------------|---|--|-----------------|
| Night Light fixture with Grill | 20 Amp, 1-pole | 240 V | 200 fixtures | 2-#12 AWG + #12 AWG ground | 1/2" |
| 3. 40 Wett Ceiling Light In the half way | 20Amp, 1-pole | 240 V | 90 fixtures | 2-#12 AWG + #12 AWG ground | 1/2" |
| 4. 40 Wett Ceiling Light in the work space | 20Amp, 1-pole | 240 V | 90 fixtures | 2-#12 AWG + #12 AWG ground | 1/2" |
| 5. Ceiling Fan | 18 Amp, 1-pole | 240 V | 40 fan units | 2-#12 AWG + #12 AWG ground | 1/2" |
| 6. 13-Amp receptacle | 16 Amp, 1-pole | 240 V | 6 recetacles | 2-#12 AWG + #12 AWG ground | 1/2" |
| 7. Receptacle for AC unit | 16 Amp, 1-pole | 240 V | 1 receptacle per A/C unit | 2-#12 AWG + #12 AWG ground | 1/2" |
| 8. Water Pump | 20 Amp, 1-pole | 240 V | 1 unit per circuit | 2-#12 AWG + #12 AWG ground | 1/2" |
| 9. Refrigerator | 16 Amp, 1-pole | 240 V | 1 unit per circuit | 2-#12 AWG + #12 AWG ground | 1/2" |

General Tasks for Completion:

The tasks generally undertaken to bring this project to completion includes:

- FEST Team prepare preliminary assessment design report and preliminary cost estimate (this
 report),
- 2. UK Project Manger/Administrator seek and secure the necessary funding.
- FEST Team prepare scope of work and contract documents,
- UK Project Manager solicit bids with guidance and assistance from Contractors, FEST and RIG
 has a list that can be consulted,
- 5. UK Project Manager and FEST Team evaluate bids
- 6. UK Project Manager awards contract
- 7. UK Project Manager hires and assigns local Construction Manager

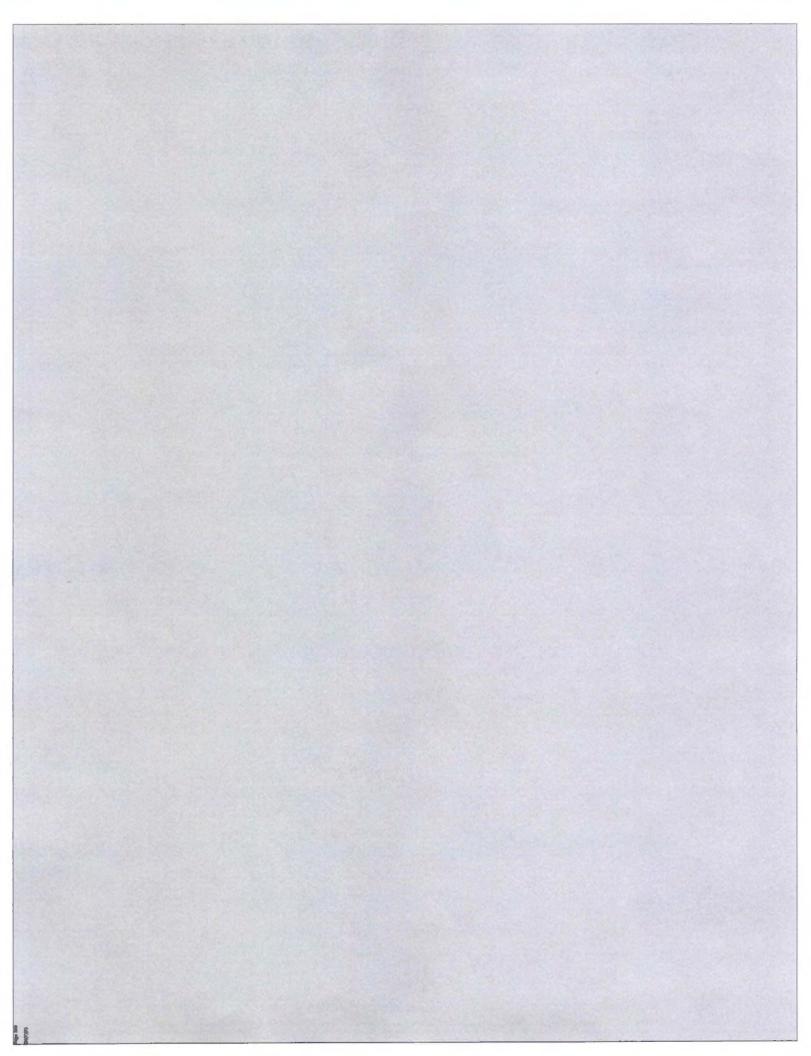
Attachments:

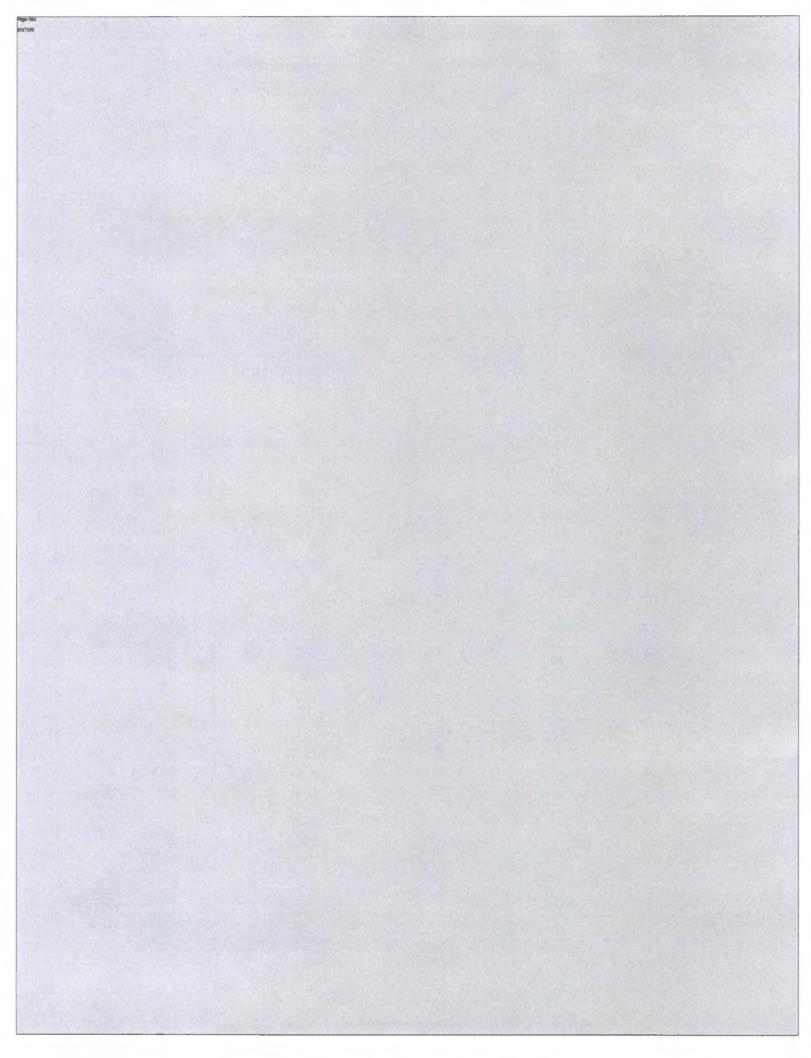
Miscellaneous Details

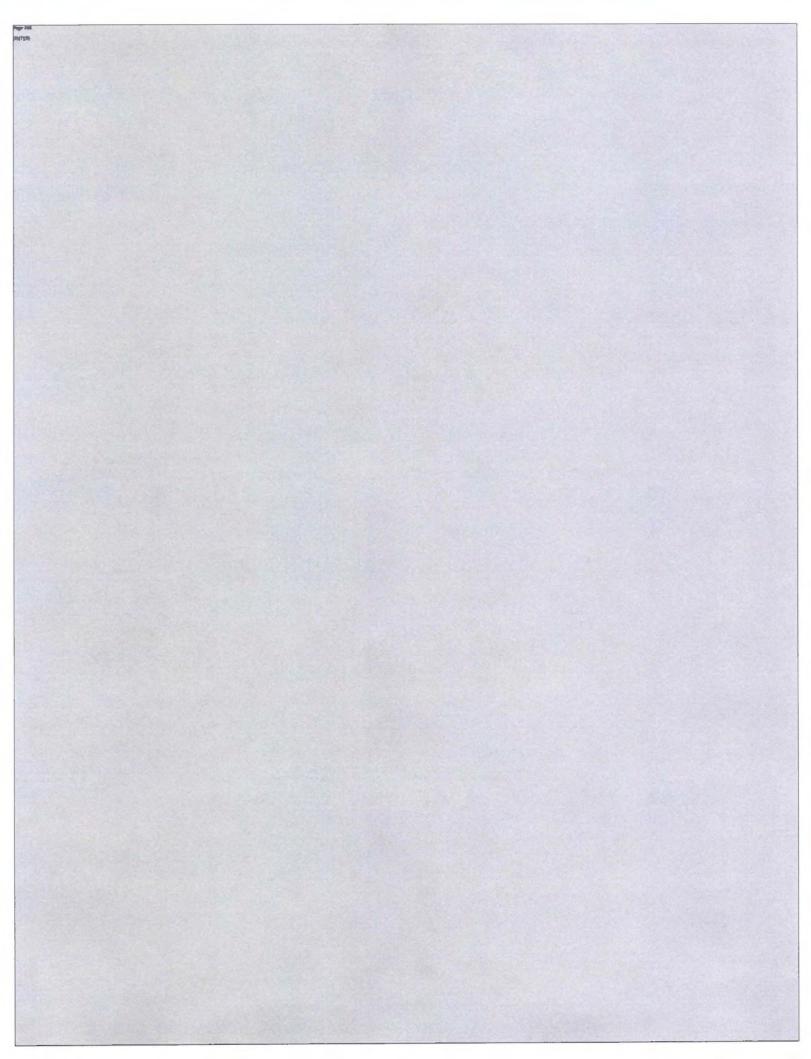
- 1. 3 Meter High Fence with coiled razor wire
- 2. Vehicle "Sally Port" Entrance Gate
- Man "Sally Port" Entrance Gate
- Guard Tower
- 5. Barred Window Example
- 6. Preliminary list of windows and doors sizes

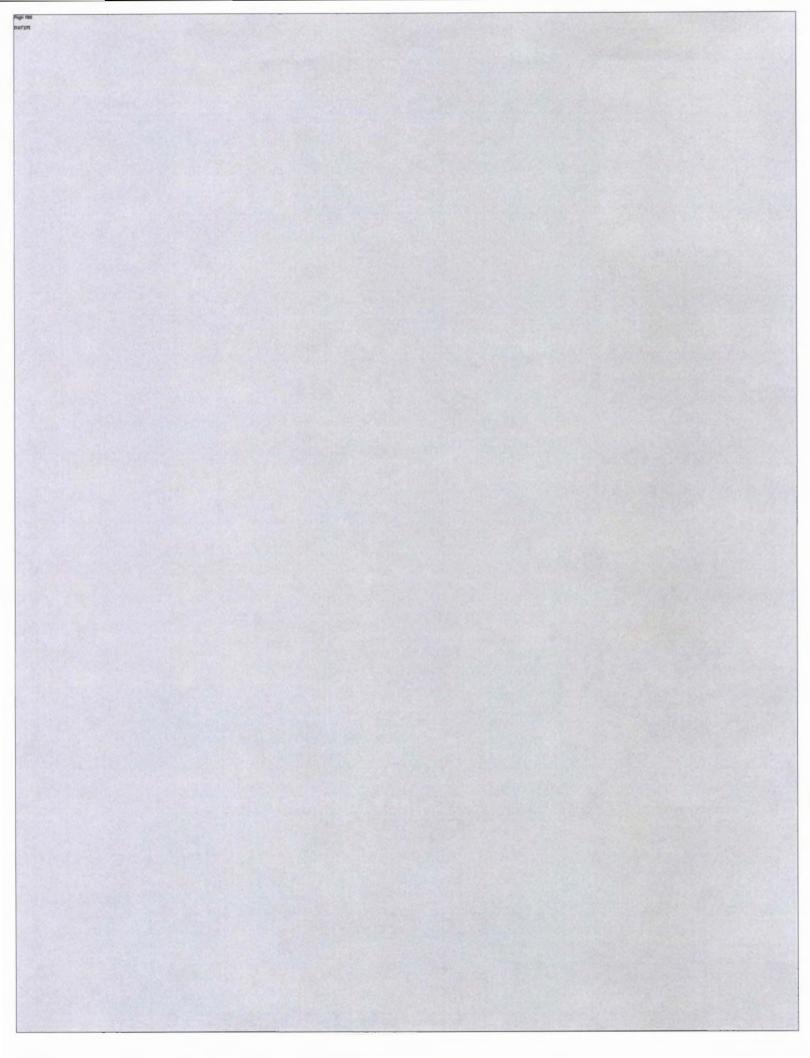
Preliminary Cost Estimates

| Submitted By: | pages) |
|---------------|------------------------|
| Approved By: | CPA S FEST Team Leader |









Basrah Prison Security and Hardware Requirements

| | Building | Approx. Sq. Ft. Area | Security / Non- Security | Number of Rooms | Window w/ Security Bare | Windows w/ Regular Bers | Doors with Bars | Doors Boild Metal Face | Doors Wood Interior | Doors Metal Exterior | Ceiling Fan In Enclosure | Celling Fan | suikneed Light Enclosures | Lights |
|----|--------------|-------------------------|--------------------------------|--------------------|-------------------------------|-------------------------------|--------------------|---------------------------|---------------------------|-------------------------|--------------------------------|-------------|---------------------------------|--------|
| | A-Wing | | | | 00 -1141-4- | | | | | | | | | |
| 1 | #A1 | 3380 | s | 2 | 28 - SW #1, 9 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 2 | #A1 Guard | 240 | s | 1 | 2 - SW #3 | | 1 - SD #3 | | | | | 1 | | 2 |
| 3 | #A2 | 3360 | s | 2 | 28 - SW #1, 8 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 4 | #A2 Guard | 240 | S | 1 | 2 - SW #3 26 - SW #1, | | 1 - SD #3 | | | | | 1 | · | 2 |
| 5 | #A3 | 3360 | S | 2 | 8 - SW #2 | | 4 - SD#1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| е | #A3 Guard | 240 | S | 1 | 2 - SW #3 28 - SW #1, | | 1 - SD #3 | | | | | 1 | | 2 |
| 7 | #A4 | 3360 | \$ | 2 | 8 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 8 | #A4 Guard | 240 | S | 1 | 2 - SW #3 | | 1 - SD #3 | | | | | 1 | | 2 |
| 9 | A Bathroom 1 | 650 | \$ | 2 | 14 - SW #4 | | | | | | | | 4 - SLE #1 | 6 |
| 10 | A Bathroom 2 | 650 | \$ | 2 | 14 - SW #4 | | | | | | | | 4 - SLE #1 | 6 |
| | B-Wing | | | | rang antalaba | | | | | | | | | |
| 11 | #B1 | 3380 | s | 2 | 28 - SW #1, 8 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| | #91 Guerd | 240 | S | 1 | 2 - SW #3 28 - SW #1, | | 1 - SD#3 | | | | | 1 | | 2 |
| 13 | #92 | 3360 | s | 2 | 8 - SW #2 | | 4 · SD #1 | | | | B - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 14 | #B2 Guard | 240 | s | 1 | 2 - SW #3 28 - SW #1, | | 1 - SD #3 | | | | | 1 | | 2 |
| 15 | #93 | 3360 | s | 2 | 8 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 16 | #93 Guard | 240 | s | 1 | 2 - SW #3 28 - SW #1, | | 1 - SD #3 | | | | | 1 | | 2 |
| 17 | #B4 | 3360 | s | 2 | 8 - SW #2 | | 4 - SD #1 | | | | 8 - SFE #1 | 8 | 12 - SLE #1 | 12 |
| 18 | #B4 Guard | 240 | \$ | 1 | 2 - SW #3 | | 1 - SD #3 | | | | | 1 | | 2 |
| 19 | B Bathroom 1 | 650 | s | 2 | 14 - SW #4 | | | | | | | | 4 - SLE #1 | 4 |
| 20 | B Bathroom 2 | 650 | s | 2 | 14 - SW #4 | | | | | | | | 4 - SLE #1 | 4 |
| | C-Wing | | | | | | | | | | | | | |
| 21 | #C1 | 3570 | S | 6 | 15 - SW #1 | | 7 - SD #1 | | | | 12 - SFE #1 | 12 | 12 - SLE #1 | 18 |
| 22 | # C2 | 3570 | s | 6 | 15 - SW #1 | | 7 - SD #1 | | | | 12 - SFE #1 | | 12 - SLE #1 | 18 |
| 23 | # C3 | 3570 | s | 6 | 15 - SW #1 | | 7 - SD #1 | | | | 12 - SFE #1 | 12 | 12 - SLE #1 | 18 |
| 24 | C Bathroom | 650 | 8 | 2 | 14 - SW #4 | | | | | | | | 4 - SLE #1 | 6 |

| 25 | Juvenile Bigd | 2090 | s | 9 | 9 - SW #1, 9 - SW #4 | | 8-SD #3 | | | | 9 - SFE #1 | 9 | 10 - SLE #1 | 10 |
|----|-------------------------------------|------|---|----|---------------------------|------------------------|-----------|----------|--------------------------|-----------------------|-------------|----|-------------|----|
| 26 | Female Bidg | 1340 | s | 4 | 20 - SW #1, 3 - SW #2 | | 1 - SD #1 | 4-SD #4 | | | 8 - SFE #1 | 8 | 11 - SLE #1 | 11 |
| 27 | Segregation Bidg | 2300 | s | 18 | 17 - SW #1, 14 - SW #5 | | | 17-SD #4 | | | 17 - SFE #1 | 17 | 19 - SLE #1 | 19 |
| 28 | Visitor's Center | 4050 | N | 4 | | 8 - W #1, 8 - W #2, | | | 3 - D#2 | 2 - D#1 | | 9 | | 21 |
| 29 | Reception Sldg | 3760 | N | 13 | | 14 - W #1, 2 - W #2 | | | 14 - D #2 | 3- D #1 | | 14 | | 40 |
| 30 | Administration Building | 1800 | N | 8 | | 6 - W #2, 9 - W #4 | | | 5 - D #2, 2 - D #3 | 2 - D#1 | | 9 | | 24 |
| 31 | Medical Center | 4030 | N | 9 | | 17 - W #1, 2 - W #3 | | | 5 - D #2, 2 - D #3 | 1 - D #1, 1 - D #4 | 11 - SFE #1 | 17 | | 40 |
| 32 | Statt and Regional HQ | 3990 | N | 38 | | 33- W #1, 9 - W #5 | | | 20 - D #2, 10 - D # 3 | 12 - D #1 | | 28 | | 72 |
| 33 | Kitchen and Rec Half | 6190 | 5 | 5 | 37 - SW # 3 2 - SW #5 | | | | | 8- D #1 | | 21 | | 38 |
| 34 | Guard House | 300 | N | 2 | | 3 - W #1 | | | 1 - D#3 | 1 - D #1 | | 2 | | 5 |
| 35 | Generator and Water Tank Bidg | 860 | N | 3 | | 4 - W #4 | | | 1 - D #1 | 3-□#4 | | 6 | | 9 |
| 36 | Entrance Guard House 1 | 280 | N | 1 | | 1 - W#1 | | | | 3 - □ ∉1 | | 1 | | 2 |
| 37 | Entrance Guard House 2 | 280 | N | 1 | | 1 - W #1 | | | | 3 - D#1 | | 1 | | 3 |
| 38 | Guard Towers (8) | 100 | N | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | |

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Security: Windows

Type: SW # 1 Size: 500 mm x 610 mm (20" x 24")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Square stock 15 mm X 15 mm (9/16" x 9/16"); vertical bars continuous; horizontal bars intermittent

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW #2 Size: 250 mm x 250 mm (10" x 10")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Square stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center

Mounting Frame: Steel Frame botted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW # 3 Size: 915 mm x 915 mm (36" x 36")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Square stock 15 mm X 15 mm (9/16" x 9/16"); vertical bars continuous; horizontal bars intermittent

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW #4 Size: 460 mm x 460 mm (16" x 18")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Squara stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center

Mounting Frame: Steel Frame botted in wall with tamper proof bolts

Movement: Restricted

Construction: Welded with continuous welds

SW #5 Size: 250 mm x 760 mm (10" x 30")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bers: Square stock 15 mm x 15 mm (9/16" x 9/16"); vertical

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center

Mounting Frame: Steel Frame bolted in wall with tamper proof boits

Movement: Restricted

Construction: Welded with continuous welds

W #1 Size: 915 mm x 915 mm (36" x 36")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

W #2 Size: 460 mm x 460 mm (18" x 18")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

W #3 Size: 250 mm x 760 mm (10" x 30")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steet Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

W #4 Size: 460 mm x 1070 mm (18" x 42")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

W #5 Size: 460 mm x 915 mm (18" x 36")

Frame: Steel angles 25 mm x 25 mm x 5 mm (1" x 1" x 3/16")

Bars: Typical building safety bars

Mounting Frame: Steel Frame bolted in wall with tamper proof bolts

Movement: Unrestricted; glass open inward Construction: Welded with continuous welds

Security: Doors

Type: SD #1 Size:

2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Bars - open

Steel

Frame:

Bars:

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous;

Horizontal bars Intermittent; Reinforced horizontally at third points and at latch

Spacing: 64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame:

Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement: Latch:

Must open outward with possible rotation up to 180 degrees External stiding bolt with flip down clasp and loop for padlock:

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

SD #2

Size:

2030 mm x 813 mm (6'-8" x 2'-8")

Type:

Bars - Open

Frame:

Steel

Bars:

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous;

Horizontal bars intermittent; Reinforced horizontally at third points and at latch

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement: Latch:

Must open outward with possible rotation up to 180 degrees Key locking mechanism with additional dead bolt on inside

Latch to be attached to door with tamper proof botts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

SD #3

Size:

2030 mm x 813 mm (6'-8" x 2'-8")

Type:

Bars - open

Frame:

Steel

Barso

Steel square stock 16 mm x 16 mm (5/8" x 5/8"); smooth surface; vertical bars continuous;

Horizontal bars intermittent; Reinforced horizontally at third points and at latch

Spacing:

64 mm x 64 mm (2.5" x 2.5") center to center vertically and horizontally

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement:

Must open outward with possible rotation up to 180 degrees

Latch:

External sliding bolt with flip down clasp and loop for padlock;

Latch to be attached to door with tamper proof bolts Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts SD #4

Size:

2030 mm x 810 mm (6'-8" x 2'-8"); final thickness 25 to 40 mm (1 to 1.5")

Type:

Steel plate - solid face with hollow core

Frame:

Steel channel or rectangular tubing to provide door thickness of 25 mm (1") to 40 mm (1.5");

Horizontal bracing at quarter points or continuous bracing through core filler;

Facing

Steel plate minimum 3 mm (1/8") thick mounted to both sides of steel angle frame

Viewing port: 75 mm diameter observation aperture

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Movement: Latch: Must open outward with possible rotation up to 180 degrees External sliding bolt with flip down clasp and loop for padlock;

Latch to be attached to door with tamper proof bolts

Construction: Welded with continuous welds; hinge and latch attachments with tamper proof bolts

D #1

Size:

2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Exterior metal door

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges: Steel with tem

Latch:

Steel with tamper proof hardware Typical door latch with key set

D #2

Size: 2030 mm x 915 mm (6'-8" x 3'-0")

Type:

Interior solid wood door

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

ges: Steel with tamper proof hardware

Latch:

Typical door latch with key set

D#3

Size:

2030 mm x 810 mm (6'-8" x 2'-8")

Type:

Interior solid wood door

Mounting Frame:

Frame: Steel frame bolted in wall with tamper proof bolts.

Hinges:

Steel with tamper proof hardware

Latch:

Typical door latch with key set

D #4

Size:

2030 mm x 1830 mm (6'-8" x 6'-0")

Type:

Exterior metal double door

Type. Extend metal doddle c

Mounting Frame: Steel frame bolted in wall with tamper proof bolts

Hinges:

Steel with tamper proof hardware

Latch:

Typical door latch with key set and hardware to separately latch one door to upper and lower jam.

Security: Enclosures

Type:

SFE#1

Size:

Low profile steel cage with dimensions to accommodate fan dimensions

Frame:

Steel angles 38 mm x 38 mm x 7 mm (1.5" x 1.5" x 1/4")

Bars:

Steel square stock 15 mm x 15 mm (9/16" x 9/16")

Covering:

Steel security mesh grill with maximum hole size 3 mm square attached to outside of frame

to prevent any ligature being attached or used as an anchorage point;

Mounting Frame: Steel frame bolted in ceiling with tamper proof bolts

Construction: Welded with continuous welds

Movement:

Restricted; removal only necessary for maintenance

Security:

Light Enclosures

Type:

SLE #1

Size:

Low profile

Type:

Bulkhead style

Covering:

Shatter resistant plastic

Movement:

Restricted; removal only necessary for bulb replacement and maintenance

Prison Cost Estimate Summary

| Location Name | Number of | Total Square | Estimated | Cost per |
|---------------------|-----------|--------------|----------------------|-------------------------|
| | Buildings | Meters | Cost | square meter |
| | | | | |
| Administration | 1 | 167_ | \$15,6 44 | \$93.68 |
| Medical | 1 | 374 | \$27,235 | \$72.82 |
| Reception | 1 | 309 | \$20,588 | \$66.63 |
| Staff and HQ | 1 | 750 | \$43,496 | \$ 57. <u>99</u> |
| Visitor's | 1 | 376 | \$36,889 | \$98.11 |
| Kitchen and Rec | 1 | 575 | \$32,002 | \$55.66 |
| Entrance Guard | 2 | 50 | \$4,242 | \$84.84 |
| Guard House | 1 | 28 | \$4,896 | \$175.48 |
| Guard Towers | 8 | 72 | \$40,360 | \$56.06 |
| A-Wing & B-Wing | 8 | 2496 | \$152,856 | \$61.24 |
| C-Wing | 3 | 996 | \$66,036 | \$66.30 |
| A, B, & C Bathrooms | 5 | 315 | \$43,345 | \$137.60 |
| Female Holding | 1 | 124_ | \$17,663 | \$142.44 |
| Juvenile Holding | 1 | 194 | \$18,643 | \$96.10 |
| Segregation | 1 | 214 | \$30,055 | \$141.85 |
| Generator | 1 | 79 | \$7,139 | \$90.37 |
| Yard & Security | 1 | 32380 | \$1,979,423 | \$61.13 |
| Electrical | | | \$500,000 | |
| Requirements | | | | _ |
| TOTAL | | | \$3,040,812 | |

| | o be compens | by the CPA Action Officer) | - | | | 1 | | | |
|----------------------|--------------|---|-------------------------|-----------------------------------|----------|--------------------------|----------------|--|--|
| CPA PROJECT NUMBER: | | | Administration Building | | | | | | |
| CPA PROJECT TITLE: | | | Administration Building | | | | | | |
| BID ITEMS | | | | UNITOF | | UNIT PRICE | ITEM COST | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) | | |
| | 1.1 | Repair perimeter well (concrete or brick construction) | | SM | | | 0 | | |
| | 1.2 | (concrete or brick construction) | | SM | | | 0 | | |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 | | |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 | | |
| | 1.4 | Construct new perimeter well (steel) | | SM | | | 0 | | |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 | | |
| | | Install steel dig plates | 1 motor high | LM | | | 0 | | |
| | 1.5 | Repair entry/exit gata | | Each | | | 0 | | |
| | 1.6 | install new entry/exit gate | | Each | | | 0 | | |
| | | Vehicle "Sally Port" | | Each | | | 0 | | |
| | | Man "Sally Port" | | Fach | | | 0 | | |
| | 1.7 | Install razor wire on existing fence or well Prepare surface and paint existing gates or fences with 1 cost primer | | LM | | | 0 | | |
| | 1.8 | and 2 coats oil paint Prepare surface and paint existing perimter wall with 2 coats water | | SM | | | 0 | | |
| | 1.9 | based paint (latex) Other (Describe in the space below. | | SM Indicate Unit of | | | 0 | | |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | 0 | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | | | |
| . SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| | | Remove and dispose off site all trash | | | | | • | | |
| | 2.1 | and debris Demolish unsafe structures and | | SM | | | 0 | | |
| | 2.2 | dispose of all debris Grading and leveling of ground (to include removing protruding objects | | LS | _ | | 0 | | |
| | 2.3 | from ground) Repair asphalt pevernents or | - | SM | | | 0 | | |
| | 2.4 | well-ways Replace asolital pevernents or | | SM | | | 0 | | |
| | 2.5 | walkways | | SM | | | 0 | | |
| | 26 | Repair concrete pavements or welltways | | SM | | | 0 | | |
| | 2.7 | Replace concrete pavements or walkways | | SM | | - | 0 | | |
| | 2.8 | Repair other type of pavements or walkways | | SM | | | 0 | | |
| | 2.9 | Other (Describe in the space below. Use Bid (tern 10 if necessary) | | Indicate Unit of Measure Balow | | | 0 | | |
| | | Construct concrete entry steps | | Each | 2 | 150.00 | 300 | | |
| | | Construct concrete entry ramp | | Each UNIT OF | | 400.00 UNIT PRICE (\$ | 0 ITEM COST | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | 3.1 | Pressure wash and clean existing floors | | SM | 167 | 1.00 | 167 | | |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | 85 | 1.00 | 85 | | |
| | 3.3 | Install new floor coverings | | SM | 85 | 15.00 | 1275 | | |
| | 3.4 | Repair structurally damaged floor states | | SM | | 15.00 | 0 | | |

| | 3.5 | Install new reinforced concrute floor slab (specify thickness in bid) | | SM | | | 0 |
|----------------------------|------------|---|------|---|------------------|--|--------------------------------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Bolow | | | |
| | - | Repair stairs | | SM | | 15.00 | 0 |
| | - | Install stativesy railing | | LM | | 18.00 | 0 |
| | | History programmy (count) | | | | | ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| - FFEE & SELECTO STOTE & S | 11.2.00 | Remove demaged plaster from walls | Jan. | | across to | | 10.00 |
| | 4,1 | or ceilings and repair with mortar and/or gypsum plaster as required Prepare wall or ceiling surface, apply | | SM | | | 0 |
| | 4.2 | 1 cost primer/sealer and 2 costs later (water based) paint | | SM | 500 | 4.00 | 2320 |
| | 4.3 | Prepare well or ceiling surface, apply 1 cost primer/sepler and 2 costs oil based paint | | SM | | | 0 |
| | 4.0 | Demolish ureound walls / ceilings and | | - | - | 1 | - |
| | 4.4 | dispose of all debris | | SM | 29 | 2.00 | 56 |
| | 4.5 | Build new masonry wall with mortar/plaster finish | | SM | 25 | 40.00 | 1000 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. | | Indicate Unit of | | | 0 |
| | | Use Bid Item 10 If necessary) | | Measure Below | | | 0 |
| | | Fill in walf openings | | SM | 4 | 40.00 | |
| | + | Install suspended ceiling | | SM | | 10.00 | 160 |
| | | Remove suspended ceiling | | SM | | 200 | 0 |
| | | realitions suspended county | | | | | 19000 |
| S - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 5.2 | Replace and seal damaged or missing roof tiles | | SM | 30 | 30.00 | 900 |
| _ | 5.3 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | install new steel roof panels | | SM | | 16,00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 111-5 | | | | 7.1 | | |
| | 5.7 5.8 | Install new downspout Other (Describe in the space below, Use Bid Item 10 if necessary) | | Each Indicate Unit of Measure Below | | 80.00 | 320 |
| | | | | | | | 0 |
| | ITEM | | SIZE | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| | | | | | QUANTITY | US) | (\$ US) |
| - DOORS & WINDOWS | IICM | DESCRIPTION | PICE | MEASURE | Man and a second | 1 | |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) | SIZE | MEASURE Each | 7 | 30.00 | 210 |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame | PICE | Each | | 30,00 | |
| - DOORS & WINDOWS | | Install new wooden hollow-core door (specify size) | SIZE | | | 30.00 | 210 |
| 6 - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (apocify size) | Side | Each Each Each | | 50.00 | 100 |
| - DOORS & WINDOWS | 6.2 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) | Sice | Each Each | 7 | | 0 |
| DOORS & WINDOWS | 6.2 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (specify size) Steel double door High security steel bars | Sick | Each Each Each | 7 | 50.00 | 100 |
| - DOORS & WINDOWS | 6.2 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (apocify size) Steel double door | Side | Each Each Each | 7 | 50.00 160.00 | 100 |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (specify size) Steel double door High security steel bars. Install new steel door frame (specify size) Steel double door frame | SICE | Each Each Each Each | 2 | 50.00 160.00 150.00 | 0 100 0 |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (apocify size) Steel double door High security steel bars Install new steel door frame (specify size) Steel double door frame (specify size) Steel double door frame Install new deadbot lock and furnish 3 | SICE | Each Each Each Each Each | 2 | 50.00 160.00 150.00 35.00 | 0 100 0 0 |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steel door (specify size) Steel double door High security steel bars. Install new steel door frame (specify size) Steel double door frame | SICE | Each Each Each Each Each Each Each | 2 | 50.00 160.00 150.00 35.00 100.00 | 0 100 0 0 315 0 |
| 6 - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steet door (apocify size) Steet double door High security steel bars Install new steet door frame (specify size) Steet double door frame (specify size) Steet double door frame Install new deadbot look and furnish 3 seals of keys Lock set for high security steet bars | SICE | Each Each Each Each Each | 2 | 50.00 160.00 150.00 35.00 | 0 100 0 0 315 |
| - DOORS & WINDOWS | 6.1 | Install new wooden hollow-core door (specify size) Install new wooden door frame (specify size) Install new steet door (apocify size) Steet doubte door High security steel bars. Install new steet door frame (specify size) Steet doubte door frame (specify size) Steet doubte door frame Install new deadbalt lock and furnish 3 sets of keys Lock set for high security steel bars door Paint existing door (1 coet primer + 2 | SICE | Each Each Each Each Each Each Each Each | 2 | 50.00 160.00 150.00 35.00 100.00 | 0 100 0 0 315 0 90 |

| | 8.7 | frame Prepare rough opening in well and install new window frame and glass | | SM | | | 0 |
|------------------------|------|--|-------------------|---|----------|-----------------------|-----------|
| | 1 | (specify size in bid) | | Each | 15 | 40.00 | 800 |
| | | Frame only | | Each | | 25.00 | |
| | 8.9 | Install steel security bars (burgler bars) on window | | Each | 15 | 25.00 | 375 |
| | | High security steel bars | | Each | | 50.00 | 0 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | | | | | | | |
| | 6.11 | Paint existing window frames Other (Describe in the space below. Use Bid Item 10 if necessary) | | EA Indicate Unit of Measure Balow | | | 0 |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST |
| - ELECTRICAL STSTEMS | IIE | | | BEASURE | QUANTITY | US | (\$ 03) |
| | 7.1 | Instalt new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 28 | 17.00 | 476 |
| | 7.3 | Install new wall switch | | Each | 18 | 18.00 | 288 |
| | 7.4 | Install new flourescent light fixture | | Each | 24 | 40.00 | 960 |
| | | Install nightlights | | Each | | 17,00 | 0 |
| | 7.5 | Install new celling fan | | Each | 9 | 40.00 | 380 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | 5 | 40.00 | 200 |
| | 7.8 | Install new circuit breaker (specify type and capacity) | | Each | В | 10.00 | 80 |
| | 7.0 | Install new circuit breaker panel (specify number of breakers and | | Esoi | · · | | |
| | 7.9 | capacity) Install new leolation switch (specify | - | Each | 1 | 750.00 | 750 |
| | 7.10 | type and capacity) Install new mains transformer (specify | | Each | 1 | 250.00 | 250 |
| | 7.11 | type and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains cabling (specify type and size) | | LM | | | ٥ |
| | 7.40 | Install new electrical generator with changeover switch (specify make, | | 5.4 | | | 0 |
| | 7.13 | model, and capacity) install new fuel tank for generator | | Each | | 1 | U |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | | (specify type and size) | on perimeter well | Each | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Item 16 if necessary) | | Indicate Unit of Measure Below | | | |
| | | | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| 8 - MECHANICAL SYSTEMS | ITEM | DESCRIPTION Install new window air conditioning | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | unit (specify number of watts/amps) Install new spill air conditioning unit | | Each | 5 | 450.00 | 2250 |
| | 8.2 | (spacify number of tons) | | Each | | | 0 |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.4 | Install new air supply ductwork | | . LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | 1 | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | | 4 | UNITOF | | LINIT PRICE (\$ | ITEM COST |

| | 9.1 | Install new Esstern style loilet | | Each | 4 | 60.00 | 320 |
|---------------------|-------|--|------|-----------------------------------|----------|----------------------|------------|
| | 9.2 | Install new Western style tollet | | Emm | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 4 | 10.00 | 40 |
| | 9.4 | Install new cantary drain pipes (specify diameter and type) | | LM | | 12.00 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 9,7 | Install new porcelein sink with shut-off valves | | Each | 4 | 150,00 | 600 |
| | | Install new water piping (specify size | | | | | |
| | 9.8 | and type i.e. PVC, steel, copper) | _ | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90,00 | 90 |
| | 9.11 | Install new plantic water tanks | | Each | 1 | 375.00 | 375 |
| | 9.12 | Other (Describe in the space below. Use Bid liem 10 if necessary) | | indicate Unit of Measure Below | | 375.00 | |
| | | Install shower unit | | Each | | 150.00 | 0 |
| - | | Remove canitary drain openings | - | Each | 4 | 50.00 | 0 |
| | - | Water pump | | Each | | 145.00 | 200 |
| | | | | UNIT OF | | UNIT PRICE (| O ITEM COS |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | UNIT PRICE (1 US) | (\$ US) |
| | 10.1 | Provide armed security personnel 24 hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace klichen lable/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| 1 | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | | | | 0 |
| | | | | | | | |

| CPA PROJECT INFORMATION | | | | | | | |
|--------------------------------|------|--|---------------|-----------------------------------|----------|--------------------------|------------------|
| CPA PROJECT NUMBER: | | | Madical Du | State - | | | |
| CPA PROJECT TITLE: | | | Medical Bu | illaing | | _ | |
| BID ITEMS - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE | ITEM COST |
| - Pardine (an decord) | 1.1 | Repair perimeter wall (concrete or brick construction) | Size | SM | GOARINI | (\$ US) | (\$ US) |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair parimeter fence (steet) | | SM | | | 0 |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | 1 meter high | LM | | | 0 |
| | 1.5 | Repair entry/adi gate | | Each | | | 0 |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | | | 0 |
| | | Man "Sally Port" | | Each | | | 0 |
| | 1.7 | Install razor wire on existing fence or wall Prepare surface and paint existing | | LM | | | 0 |
| | 1.8 | gates or fences with 1 cost primer and 2 costs oil paint. Prepare surface and paint existing | | 534 | | | 0 |
| | 1.9 | perimter wall with 2 coals water based paint (letex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | ٥ |
| | | Complete structural concrete guard tower with sized roofing | | Each | | 3510.00 | |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 2.1 | Remove and dispose off site all trash and debris | | SM | | | 0 |
| | 22 | Demolish unsafe structures and dispose of all debris Grading and leveling of ground (to | | LS | | | 0 |
| | 23 | include removing protruding objects from ground) | | SM | | | 0 |
| | 2.4 | Repair asphall pevernents or wallways | | SM | | | 0 |
| | 2.5 | Replace asphalt pavements or waltways | | SM | | | 0 |
| | 2.6 | Repair concrete pavements or wateways | | SM | | | 0 |
| | 2.7 | Replace concrete pavements or walkways | | SM | | | 0 |
| | 2.8 | Repair other type of pavements or walkways | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Meesure Below | | | 0 |
| | | Construct concrete entry steps | | Each | 1 | 150.00 | 150 |
| | | Construct concrete entry ramp | | Each UNIT OF | 1 | 400 00 UNIT PRICE (\$ | 400 ITEM COST |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION Pressure wash and clean existing | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 3,1 | floors Remove and dispose damaged floor | - | SM | 374 | 1,00 | 374 |
| | 3.2 | coverings | - | SM | | 1.00 | 0 |
| - | 3.3 | Install new floor coverings Repeir structurally damaged floor | | SM | 225 | 15.00 | 2375 |
| | 3.4 | stobs | | SM | | 15,00 | 0 |

| | 3.5 | Install new reinforced concrete floor stab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|--|------|-----------------------------------|----------|--------------------|-------------|
| | 3.6 | Other (Describe in the space below. Use Bid Itom 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | 1 | Repair stairs | | SM | | 15.00 | 0 |
| | + | Install stairway railing | | LM | | 18.00 | 0 |
| | - | THOMAS STATE WITH I COMING | | UNITOF | | UNIT PRICE (\$ | O STEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or cellings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare well or ceiling surface, apply 1 cost primer/sealer and 2 costs latex (water based) paint | | SM | 1165 | 4.00 | 4660 |
| | 4.3 | Prepare wall or calling surface, apply 1 coet primer/sealer and 2 coets oil based paint | | SM | | | 0 |
| - | 1 | Demolish unsound wells / ceilings and | | | | | |
| | 4.4 | dispose of all debris | | 5M | | 2.00 | . 0 |
| | 4.5 | Build new masonry wait with mortar/plaster finish | | SM | 124 | 40.00 | 4980 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | Q |
| | 4.7 | Other (Describe in the space below. Use Bid flem 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | + | Fill in wall openings | _ | SM | | 40.00 | 0 |
| | | frestall suspended ceiling | | SM | | 10.00 | 0 |
| | + | Remove suspended ceiling | | SM | | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 52 | Replace and seal damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | Jz | Initiality four ties | | - Sem | | 30.00 | - 0 |
| | 5.3 | Repair parapet walls, faecia, or caves | - | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspout | | Each | 8 | 80.00 | 840 |
| | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | | Install new wooden hollow-core door | | | | | |
| | 8.1 | (specify size) Install new wooden door frame | | Each | 7 | 30,00 | 210 |
| | 6.2 | (spacify size) | | Each | | | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | 2 | 50.00 | 100 |
| | | Steel double door | | Each | | 150.00 | 0 |
| | | High security steel bars | | Each | | 150,00 | 0 |
| | 8.4 | Install new steel door frame (specify size) | | Each | 9 | 35.00 | 315 |
| | | Steel double door frame | | Each | | 100.00 | 0 |
| | 6.5 | Install new deadbolt lock and furnish 3 sets of keys | | Each | 9 | 10.00 | 90 |
| - 1 | 0.0 | Lock set for high security steel bars door | | | | | 0 |
| | | Paint existing door (1 cost primer + 2 | | Each | | 25.00 | |
| | - | costs of paint) Install other type of door (specify size | | SM | | | 0 |
| | 6,6 | and type in bid) | | Each | 4 | | 0 |
| | | | | | | | |

| | | | | 10 10 10 10 10 | | | |
|----------------------------|------|---|-------------------|-----------------------------------|----------|----------------|-------------|
| | 8.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | o |
| | | Prepare rough opening in wall and | | | | | |
| | | install new window frame and glass | | F4 | 40 | 40.00 | 760 |
| | 5.8 | (specify size in bid) | | Each | 19 | 1000 | |
| | | Frame only | | Each | | 25.00 | 0 |
| | 8.9 | Install steel security bers (burgler bers) on window | | Each | 19 | 25.00 | 475 |
| | | High security steel bars | | Each | | 50.00 | 0 |
| | 6.10 | Cinen existing windows | | SM | | | 0 |
| | 1 | | | | | | |
| | 6.11 | Paint existing window frames | | EA Indicate Unit of | | | 0 |
| | 6.12 | Other (Describe in the space below. Use Bid from 10 if necessary) | | Measure Below | | | |
| | - | | | UNITOF | | UNIT PRICE (\$ | O ITEM COST |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 40 | 17.00 | 680 |
| | 7.3 | Install new well switch | | Each | 17 | 18,00 | 306 |
| | 7.4 | Install new flourescent light floture | | Each | 40 | 40.00 | 1800 |
| | 1.0 | Install nightlights | | Each | - | 17.00 | 0 |
| | | | -: | | | | |
| | 7.5 | Install new ceiting lan Install new telephone cable (single | | Each | 17 | 40,00 | 980 |
| | 7.6 | pair) | - | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | 3 | 40.00 | 120 |
| | 7,8 | Install new circuit breaker (specify type and capacity) | | Each | 10 | 10.00 | 100 |
| | | Install new circuit breaker panel | | | | | |
| | 7.9 | (specify number of breakers and capacity) | | Each | 1 | 750.00 | 750 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | 1 | 250 00 | 250 |
| | 7.10 | Install new mains transformer (specify | | Lean | | 20000 | |
| | 7.11 | type and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains calbling (specify type and size) | | LM | | | 0 |
| | 7.16 | install new electrical generator with | | Lim | - | | |
| | 1000 | changeover switch (specify make, | | | | | |
| | 7.13 | model, and capacity) Install new fuel tank for generator | | Each | | | 0 |
| | 1 | (with capacity to operate generator for | | | | | |
| | 7,14 | 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | |
| | 1 | Install new exterior security lighting | | | | | |
| | | (specify type and size) | on perimeter wall | Each | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Selow | | | |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | Install new window air conditioning unit (specify number of wetts/amps) | | Each | 9 | 450.00 | 4050 |
| | | Install new split air conditioning unit | | | | | 0 |
| | 8.2 | (specify number of tons) | | Each | | | |
| | 8.3 | install new exhaust fan and ductwork | - | LM | - | - | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | | - | UNIT OF | | UNIT PRICE (\$ | O ITEM COST |
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |

| | 9.1 | Install new Eastern style toilet | | Each | 2 | 80.00 | 160 |
|---------------------|-------|---|------|------------------|----------|----------------|---------|
| | 9.2 | Install new Western style lollet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 2 | 10.00 | 20 |
| | | Install new sanitary drain pipes | | | | | |
| | 9.4 | (specify diameter and type) | | LM | | 12.00 | - 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new tocking hatch covers) | | Each | | | 0 |
| | | Install new asptic tank (to include | | | | | 0 |
| | 9.6 | locking hetch covers) Remove edisting septic tanks and | | Each | | - | |
| | -+ | marholes Install new porcelain sink with shut-off | - | Each | | - | 0 |
| | 9.7 | valves | | Each | 7 | 150.00 | 1050 |
| | 9.6 | Install new water piping (specify size and type I.e. PVC, seel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | 9,11 | Install new plantic water tanks | | Each | 1 | 375.00 | 375 |
| | 9.12 | Other (Describe in the space below. | | Indicate Unit of | - | 373.00 | 010 |
| | | Use Bid Hern 10 if necessary) | | Measure Below | | | ø |
| | 1 | Install shower unit | | Each | 2 | 150,00 | 300 |
| | | Water pump | | Each | 1 | 145.00 | _ |
| | - | | | UNIT OF | | UNIT PRICE (\$ | 145 |
| O - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | Provide armed security personnel 24 hours per day during the entire | | | | | |
| | 10.1 | duration of the contract | | DAYS | | - | 0 |
| | 10.2 | Replace Idichen table/shelf | | Each | | 150.00 | |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | o |
| | 10.10 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | | | | - |
| | | | | 27235 | | | |
| atimated BID PRICE: | | | | | | | |

| CPA PROJECT NUMBER: | | | | 6.4140 ··· | | | | | |
|----------------------|------|---|--------------------|-----------------------------------|----------|-----------------------|-----------|--|--|
| PA PROJECT TITLE | | | Reception Building | | | | | | |
| BID ITEMS | _ | | | UNITOF | | UNIT PRICE | ITEM COST | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) | | |
| | 1.1 | Repair perimeter wall (concrete or brick construction) | | SM | | | a | | |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 | | |
| | | Construct Precast concrete perimeter wall | | SM | | | o | | |
| | 1.3 | Repair parimeter funce (steel) | | SM | | | o | | |
| | 1.4 | Construct new perimeter wall (steel) | | 54 | | | 0 | | |
| | | Construct new steel chain link tence | 3 meters high | SM | | | 0 | | |
| | | Install steel dig plates | 1 meter high | LM | | | 0 | | |
| | 1.5 | Repair entry/aut gale | | Each | | | 0 | | |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 | | |
| | 1,5 | Vehicle "Sally Port" | | Each | | | 0 | | |
| | | | | | | | | | |
| - | | Man "Sally Port" Install razor wire on existing fence or | | Each | | | 0 | | |
| | 1.7 | Prepare surface and paint existing gates or fances with 1 coat primer | | LM | _ | | 0 | | |
| | 1.8 | and 2 coats oil paint Prepare surface and paint existing perimter well with 2 coats water | | SM | | | 0 | | |
| | 1.0 | based paint (latex) | | SM | | | 0 | | |
| | 1,10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 | | |
| - SITEWORK | ПЕМ | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| - Ultrariore - | | Remove and dispose off site all trash | | | | 1 | 11-1-1 | | |
| | 2.1 | and debrie Demolish unsafe structures and | | SM | | - | D | | |
| | 2.2 | dispose of all debris | | LS | | | 0 | | |
| | 23 | Grading and leveling of ground (to include removing protruding objects | | SM | | | 0 | | |
| | 2.3 | from ground) Repair aspinal povernents or | | See. | | 1 | | | |
| | 2.4 | welkways | | SM | | | 0 | | |
| | 2.5 | Replace asphalt privements or walkways | | SM | | | 0 | | |
| | 2.6 | Repair concrete pevernents or walkways | | SM | | | 0 | | |
| | 2.7 | Replace concrete pevernents or walkways | | SM | | | 0 | | |
| | 2.8 | Repair other type of pevernents or welloways | | SM | | | 0 | | |
| | 2.9 | Other (Describe in the space below. Use Bld Item 10 If necessary) | | Indicate Unit of Measure Below | | | 0 | | |
| - | | Construct concrete entry steps | | Each | 3 | 150.00 | 450 | | |
| | | Construct concrete entry remp | | Each | | 400.00 | 0 | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| | 3.1 | Pressure wash and clean existing floors | | SM | 309 | 1.00 | 309 | | |
| | | Remove and dispose damaged floor | | | 300 | | | | |
| | 3.2 | coverings | | SM | | 1.00 | 0 | | |
| | 3,3 | Install new floor coverings Repair structurely demaged floor | | SM | | 15.00 | 0 | | |
| | 3.4 | timbs | 1 | SM | | 15.00 | 0 | | |

| | 3.5 | Install new reinforced concrete floor sigb (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|--|------|-----------------------------------|----------|-----------------------|------------------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | Repair stains | - | SM | | 15.00 | 0 |
| | - | Install atsirway railing | | LM | | 18.00 | 0 |
| | - | tractal old way family | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from wells or ceilings and repeir with mortar and/or gypsum plaster as required Prepare well or ceiling surface, apply | | SM | | | 0 |
| | 4.2 | 1 cost primer/sealer and 2 costs latex (water based) paint | | SM | 1180 | 4.00 | 4640 |
| | 4.3 | Prepare wall or ceiling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| | | Demotish unsound wells / callings and | | | | 7-0 | |
| | 4.4 | dispose of all debris Build new masonry wall with | | SM | | 40.00 | 0 |
| | 4.5 | mortar/plaster finish Remove damaged curamic tile wall | | SM | - | 40.00 | |
| | 4.6 | covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | D |
| | 1 | Fill in wall openings | | SM | | 40.00 | 0 |
| | + | Install suspended ceiling | - | SM | | 10.00 | |
| | - | Remove suspended celling | | SM | - | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 5.2 | Replace and seal damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | 5.2 | trianary root mass | | OM | | 30.00 | |
| | 5.3 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Imstall new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | 1-0 | | 0 |
| | 5.7 | Install new downspout | | Each | 10 | 80.00 | 600 |
| | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 30.00 | 500 |
| 1 - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | O ITEM COST (\$ US) |
| - DOORS & WINDOWS | 1150 | Install new wooden hollow-core door | SILE | MEASURE | COMMITT | 03) | (* 05) |
| | 6.1 | (specify size) Install new wooden door frame | | Each | 14 | 30.00 | 420 |
| | 6.2 | (specify size) | | Each | | - | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | 3 | 50.00 | 150 |
| | - | Stael double door | | Each | | 160.00 | 0 |
| - | - | High security steel bers Install new steel door frame (specify | | Each | | 150.00 | 0 |
| | 6.4 | size) | | Each | 17 | 35.00 | 595 |
| | - | Steel double door frame | | Each | | 100.00 | 0 |
| | 6.5 | Install new deadbolt lock and furnish 3 sets of keys | | Each | 17 | 10.00 | 170 |
| | | Lock set for high security steel bars door | | Each | | 25.00 | 0 |
| | | David autotion stone is annot extend to the | | | | | |
| M. | | Paint existing door (1 cost primer + 2 costs oil paint) | | SM | | | 0 |
| | 6.0 | | | SM Each | | | 0 |

| | | Remove broken window glass and replace with new glass in existing | | | | | |
|----------------------|------------|---|-------------------|-----------------------------------|------------|--------------------|----------|
| | 6.7 | frame Prepare rough opening in wall and | | SM | | | . 0 |
| | 1 | install new window frame and glass | | Co-t | 15 | 40.00 | 640 |
| | 6.8 | (specify size in bid) | | Each | 16 | 25.00 | 0 |
| | - | Frame only Install steel security bars (burglar | | Each | | 25.00 | U |
| | 6.9 | bars) on window | | Each | 16 | 25.00 | 400 |
| | - | High security state bare | | Each | | 50.00 | 0 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 6.11 | Paint existing window frames | | EA | | | 0 |
| | 6.12 | Other (Describe in the space below Use Bid Item 10 if necessary) | | Indicate Unit of Massure Below | | | |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | | Install new surface-mounted electrical | | | | | |
| | 7.1 | wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 58 | 17.00 | 966 |
| | 7.3 | Install new wall switch | | Earth | 26 | 18.00 | 488 |
| | 7.4 | Install new flourescent light foture | | Each | 40 | 40.00 | 1500 |
| | 1.0 | Inetail nightights | | Each | | 17.00 | 0 |
| | | | | | | | |
| | 7.5 | Install new ceiling fan (install new telephone cable (single | - | Each | 14 | 40.00 | 580 |
| | 7.6 | pair) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | 11 | 40.00 | 440 |
| | 7.8 | install new circuit breaker (specify type and capacity) | | Each | 13 | 10.00 | 130 |
| | - 12 | install new circuit breaker penel (specify number of breakers and | | | ,,, | 1000 | |
| | 7.9 | capacity) | - | Each | 1 | 750.00 | 750 |
| | 7.10 | install new isolation switch (specify type and capacity) | | Each | | 250.00 | 0 |
| | 7.11 | install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | | Install new mains cabling (specify type | | | | | |
| | 7.12 | and size) install new electrical generator with | | LM | - | + | 0 |
| | 7.13 | changeover switch (specify make, model, and capacity) | | Emph | | | 0 |
| | | Install new fuel tank for generator | | | | | |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | | Install new exterior security lighting | | | | | |
| | 7.18 | (specify type and size) Other (Describe in the space below. | on perimeter walk | Each Indicate Unit of | | 1 | 0 |
| | , | Use Bid Item 10 if necessary) | | Measure Below | | | |
| | 1 | PERSONAL PROPERTY. | 0.77 | UNIT OF | Q1141-1171 | UNIT PRICE (\$ | ITEM COS |
| - MECHANICAL SYSTEMS | ITEM | Install new window air conditioning | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | unit (specify number of waits/amps) Install new split air conditioning unit | | Each | 12 | 450.00 | 5400 |
| | 8.2 | (specify number of tons) | | Each | | + + | D |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | D |
| | | | | | | | n |
| | 6.5 6.6 | Install new air exhaust ductwork Other (Describe in the space below. | | LM Indicate Unit of | | - | D |
| | 0,0 | Use Bid Item 10 if necessary) | | Measure Below | | | |

| -SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (US) | (\$ US) |
|---|-------|---|------|--------------------------|----------|---------------------|-------------|
| | 9.1 | Install new Eastern style tollet | _ | Each | 4 | 80,00 | 320 |
| | 9.2 | Install new Western style tollet | | Each | | | 0 |
| | 9.3 | Test and cleen sanitary drain pipes | | Each | 2 | 10.00 | 20 |
| | 9.4 | Install new sunitary drain pipes (specify diameter and type) | | LM | | 12.00 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and menholes | | Each | | | 0 |
| | | Install new porcelein sink with shut-off | | C-4 | 4 | 150.00 | 500 |
| | 9.7 | valves | | Each | | 150.00 | 800 |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | install now main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | | | | | | 375.00 | 375 |
| | 9.11 | Install new plastic water tanks Other (Describs in the space below. | | Each Indicate Unit of | 1 | 373.00 | 3/3 |
| | | Use Sid Item 10 if necessary) | | Measure Below | | | 0 |
| | | Install shower unit | | Each | | 150.00 | 0 |
| | | Water pump | | Each | 1 | 145,00 | 145 |
| *************************************** | | · · · · · · · · · · · · · · · · · · · | | UNIT OF | | | S ITEM COST |
| - OTHER BID ITEMS | ITEM | Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace luichen lable/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | _ 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10,6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | 1 | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10,14 | | | | | - | 0 |
| | 10.15 | L | | | | | |
| | | | | | | | |
| atimated BID PRICE: | | | | 20588 | | | |

| CPA PROJECT INFORMATION (To | o be complete | d by the CPA Action Officer) | - | | | | | | |
|-----------------------------|---------------|---|--|-----------------------------------|----------|-----------------------|---------|--|--|
| CPA PROJECT NUMBER: | | | | | | | | | |
| PA PROJECT TITLE: | | | Staff and Regional Headquarters Building | | | | | | |
| BID ITEMS | | | | | | | | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| | 1.1 | Repair perimeter well (concrete or brick construction) | | SM | | | 0 | | |
| | 12 | (concrete or brick construction) | | SM | | | 0 | | |
| | -31- | Construct Precast concrete perimeter wall | | SM | | | 0 _ | | |
| | 1,3 | Repair perimeter fence (steel) | | SM | | | 0 | | |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 | | |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 | | |
| - | | Install steel dig plates | 1 meter high | LM | | | 0 | | |
| | 1,5 | Repair entry/extl gate | | Each | | | 0 | | |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 | | |
| | | Vehicle "Salty Port" | | Each | | | 0 | | |
| | | Man Sally Port | | Each | | | 0 | | |
| | 1.7 | Install razor wire on existing tence or wall Prepare surface and paint existing | | LM | | | 0 | | |
| | 1.8 | gates or fences with 1 coat primer and 2 coats oil paint Prepare surface and paint existing | | SM | | | 0 | | |
| | 1.9 | perimer wall with 2 coats water based paint (latex) | | SM | | | 0 | | |
| | 1.10 | Other (Describe in the space below. Use Bid (Lem 10 if necessary) | | Indicate Unit of Measure Below | | | | | |
| | 7 | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 | | |
| - SITEWORK | TTEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| | 2.1 | Remove and dispose off site all tresh and debris | | SM | | | 0 | | |
| | 2.2 | Demolish unsafe structures and dispose of all debris | | LS | | | 0 | | |
| | | Grading and leveling of ground (to include removing protruding objects | | | | | | | |
| | 2.3 | from ground) Repair asphalt pavements or | | SM | - | - | 0 | | |
| | 2,4 | wellkways Replace asphalt pavements or | - | SM | | | 0 | | |
| | 2.5 | walkways Repair concrete pevernents or | | SM | | - | 0 | | |
| | 2.6 | walkways Replace concrute pavements or | | SM | | | a | | |
| | 2.7 | walkways Repair other type of pavements or | | SM | | | 0 | | |
| | 2.8 | walkways Other (Describe in the space below. | | SIM (exticate Unit of | _ | - | 0 | | |
| | | Use Bid Ham 10 if necessary) | | Mossure Below | | | 0 | | |
| | | Construct concrete entry steps Construct concrete entry ramp | | Each | 2 | 150.00 | 300 | | |
| | | CARGO CARGO SELYTER | | | | 400.00 | 0 | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) | | |
| | 31 | Pressure wash and clean existing floors | | SM | 750 | 1.00 | 750 | | |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | 150 | 1,00 | 150 | | |
| | 3.3 | install new floor coverings | | SM | 150 | 15.00 | 2250 | | |
| | | Repair structurally damaged floor | | | | 15.00 | 45 | | |

| | 3.5 3.6 | Install new reinforced concrete floor slab (specify thickness in bid) Other (Describe in the space below, | | SM Indicate Unit of | | | 0 |
|--------------------------|------------|---|------|-----------------------------------|----------|-----------------------|------------------|
| | | Use Bid Item 10 if necessary) | | Measure Below | | 1 | D |
| | | Repair stairs | | SM | 2 | 15.00 | 30 |
| | | Install stainway railing | | LM | 8 | 18.00 | |
| | | | | UNITOF | | UNIT PRICE (\$ | 108 ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | 2340 | 4.00 | 9360 |
| | 4.3 | Prepare well or ceiling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | D |
| | 4.4 | Demolish unsound walls / ceilings and dispose of all debris | | SM | 92 | 2.00 | 184 |
| | 4.5 | Build new masonry wall with morter/plaster frigh | | SM | 39 | 40.00 | 1580 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | FIII in wall openings | | SM | 9 | 40.00 | 380 |
| | | Install suspended ceiling | | SM | | 10.00 | 0 |
| | | Remove suspended colling | | SM | | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | D |
| | 5.2 | Replace and seal damaged or missing roof tiles. | | SM | | 30.00 | 0 |
| | | | | | | 30.00 | |
| | 5.3 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | D |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspout | | Each | 8 | 80,00 | 840 |
| | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 30.30 | 0 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 6.1 | Install new wooden hollow-core door (specify size) | | Each | 30 | 30.00 | 900 |
| | 6.2 | Install new wooden door frame (specify size) | | Each | | 30.00 | 0 |
| | | | | | 40 | F0.00 | |
| | 8.3 | Install new steel door (apecify size) Steel double door | | Each Each | 12 | 160.00 | 600 |
| | | | | | | | |
| | 6.4 | High security steel bare Install new steel door frame (apacity size) | | Each Each | 42 | 150,00 | 1470 |
| | | Steel double door frame | | Each | | 100.00 | 0 |
| | | Install new deadbolt lock and furnish 3 | | | - | | |
| | 6.5 | Lock set for high security steel bars | | Each | 42 | 10.00 | 420 |
| | - | door Paint existing door (1 coat primer + 2 | | Each | | 25.00 | 0 |
| | 1 | coats oil paint) Install other type of door (specify size | | SM | | | 0 |
| | 6,6 | and type in bid) | _ | Each | | | 0 |
| | | Bathroom stall door | | Each | 4 | 20.00 | 80 |

| 7 - ELECTRICAL SYSTEMS | 6.8 6.8 6.10 6.11 6.12 | Remove broken window glass and replace with new glass in oxisting frame. Prepare rough opening in wall and install now window frame and glass (specify size in bid). Frame only Install steel accuraty bare (burgler bars) on window. High security steel bare. Clean existing windows. Paint existing window frames. Other (Describe in the space below. Use Bid Item 10 if necessary). | | SM Each Each Each Each SM | 42 | 40.00 25.00 25.00 50.00 | 1680 1050 |
|----------------------------|------------------------------------|--|-------------------|---|-------------|----------------------------------|----------------------|
| 7-ELECTRICAL SYSTEMS | 6.10 6.11 6.12 | install new window frame and glass (specify size in bid) Frame only Install steel security bars (burgler bers) on window High security steel bers Clean existing windows Paint existing window frames Other (Describe in the space below. | | Each Each SM EA | | 25.00 25.00 | 1050 |
| - ELECTRICAL SYSTEMS | 6.10 6.11 6.12 | Frame only Install steel security bars (burgler bars) on window High security steel bars Clean existing windows Paint existing window frames Other (Describe in the space below. | | Each Each SM EA | | 25.00 25.00 | 1050 |
| - ELECTRICAL SYSTEMS | 6.10 6.11 6.12 | Install steel accurity bars (burgler bars) on window High security steel bars Clean existing windows Paint existing window frames Other (Describe in the space below. | | Each Each SM EA | 42 | 25.00 | |
| - ELECTRICAL SYSTEMS | 6.10 6.11 6.12 | bars) on window High security steal bars Clean existing windows Paint existing window frames Other (Describe in the space below. | | Each SM EA | 42 | | |
| - ELECTRICAL SYSTEMS | 6.11 6.12 | Clean existing windows Paint existing window frames Other (Describe in the space below. | | SM | | 50.00 | 0 |
| Y-ELECTRICAL SYSTEMS | 6.11 6.12 | Paint existing window frames Other (Describe in the space below. | | EA | | | |
| '-ELECTRICAL SYSTEMS | 6.12 | Other (Describe in the space below. | | | | | 0 |
| - ELECTRICAL SYSTEMS | 6.12 | Other (Describe in the space below. | | | | | 0 |
| - ELECTRICAL SYSTEMS | ITEM | Use Bid Item 10 if necessary) | 1 | Indicate Unit of | | | |
| - ELECTRICAL SYSTEMS | ITEM | | | Measure Below | | | 0 |
| - PPPALINALE ALDIENA | 1115.001 | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | | | | MEASURE | Sparettii i | 1 001 | [4 03] |
| | 7.1 | Install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 58 | 17,00 | 986 |
| | 7.3 | Install new wall switch | | Each | 76 | 18.00 | 1368 |
| | 7.4 | Install new flourescent light fodure | | Each | 72 | 40.00 | 2880 |
| | | Install nightlights | | Each | | 17.00 | 0 |
| | 7.5 | Install new ceiling fan | | Each | 20 | 40.00 | 800 |
| | 78 | tristall new telephone cable (single pair) | | Each | | | 0 |
| | 7.7 | | | Each | 10 | 40.00 | 400 |
| | | Install new circuit breaker (specify | | | | | |
| | 7.8 | type and capitally) Install new circuit breaker panel | | Each | 38 | 10.00 | 380 |
| | 7.9 | (epecify number of breakers and capacity) | | Each | 1 | 750.00 | 750 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | | 250.00 | ō |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | 1.12 | Install new electrical generator with | | LM | _ | | |
| | 7.13 | changeover switch (specify make, model, and capacity) Install new fuel tank for generator | | Each | _ | | 0 |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | 1 | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | 7.10 | (specify type and size) | AL COMPLETE | 241 | | | |
| | 7.16 | (specify type and size) Other (Describe in the space below. Use Bid Item 10 if necessary) | on perimeter wall | Each Indicate Unit of Measure Below | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRIČE (\$ US) | ITEM COST (\$ US) |
| | | Install new window air conditioning | | | | 450.00 | 9000 |
| | 6.1 | unit (apacity number of water/amps) Install new split air conditioning unit | | Each | 20 | 400.00 | |
| | B.2 | (specify number of lons) | | Each | | - | 0 |
| | 8,3 | Install new exhaust fan and ductwork | | LM | | - | 0 |
| | 8.4 | Inetall new air supply ductwork | | LM | | | 0 |
| | 8.5 | install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space ballow. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | ITEM COST |

| | 9.1 | Install new Eastern style toilet | | Each | 11 | 80.00 | 880 |
|------------------------|-------|---|------|--------------------------|----------|--------------|---------|
| | 9.2 | Install new Western style tollet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 8 | 10.00 | 80 |
| | | Install new sanitary drain pipes | | | | | _ |
| | 9.4 | (specify diameter and type) | | UM | | 12.00 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hetch covers) | | Each | | | 0 |
| | .5.5 | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 1 5. | Install new porcelain sink with shut-off | | | | | |
| | 9.7 | valves | | Each | - 11 | 150.00 | 1650 |
| | 9.6 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | S., . | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 11 | 50.00 | 50 |
| | 9.10 | Install beckflow prevention valve | | Each | 1 | 90.00 | 90 |
| | | | | | | | |
| | 9.11 | Install new plastic water tanks Other (Describe in the space below. | | Each Indicate Unit of | 2 | 375.00 | 750 |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | 0 |
| | | Install shower unit | | Each | 9 | 150.00 | 1 |
| | | Water pump | - | Each | 1 | 145.00 | 1350 |
| | | | | UNIT OF | | UNIT PRICE (| 145 |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | Provide armed security personnel 24 hours per day during the entire | | | | | |
| | 10.1 | duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10,13 | | | | | | 0 |
| | 10.14 | | | - | - | | 0 |
| | 10.15 | | | | | | 0 |
| stimated BID PRICE: | | | | 43496 | | | |
| PRINCIPLE WILL FINE E. | 1 | | | 43420 | | | |

| CPA PROJECT INFORMATION (T | o be complete | by the CPA Action Officer) | - | | | | |
|----------------------------|---------------|--|---------------|-----------------------------------|---|-----------------------|----------------------|
| CPA PROJECT NUMBER: | | | Maile de C | -4 | | | |
| CPA PROJECT TITLE: | | | Visitor's Ce | enter | | 1 | |
| BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| - Farding (6) Concentry | 1.1 | Repair perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precest concrete perimeter wail | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (staet) | | SM | | | 0 |
| | 14 | Construct new parimeter well (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | 1 mater high | LM | | | 0 |
| | 1.5 | Repair entry/exil gate | | Each | | | 0 |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Sailly Port" | | Each | | | 0 |
| | | Man "Sally Port" | | Each | | | 0 |
| - | 1.7 | Install razor wire on mosting fence or wall | | LM | | | 0 |
| VI | 1.8 | Prepare surface and paint existing gates or ferces with 1 cost primer and 2 costs of paint | | SM | | | 0 |
| | 1.9 | Prepare surface and point existing perimer wall with 2 costs water based point (latex) | | SM | | | 0 |
| | 1,10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Complete structural concrete guard lower with staet moting | | Each | | 3510.00 | 0 |
| 0.770.100.14 | | accompany. | SIZE | UNITOF | - COLUMN TO THE | UNIT PRICE (\$ | ITEM COST |
| - SITEWORK | ITEM | DESCRIPTION Remove and dispose off site all trash | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 2.1 | and debris Demolish unsafe structures and | | SM | | - | 0 |
| | 22 | dispose of all debris Grading and leveling of ground (to | | LS | | | 0 |
| | 2.3 | include removing protruding objects from ground) | | SM | | | 0 |
| | 2.4 | Repair asphalt pavements or walloways | | SM | | | 0 |
| | 2.5 | Replace aspirall pavements or wallsways | | SM | | | 0 |
| | 2.6 | Repair concrete pavements or walkways | | SM | | | 0 |
| | 2.7 | Replace concrete pevernents or walkways | sidewalk | SM | 16 | 400.00 | 6400 |
| | 28 | Repair other type of pavements or walkways | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Construct concrete entry steps | | Each | 2 | 150.00 | 300 |
| | | Construct concrete entry ramp | | Each | | 400,00 | 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3.1 | Pressure wash and clean existing floors | | SM | 376 | 1.00 | 376 |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | | 1.00 | 0 |
| | 3.3 | Install new floor coverings | | SM | 376 | 15.00 | 5640 |
| | 3.4 | Repair structurally damaged floor stabs | | SM | | 15.00 | 0 |

| | 3.5 | Install new reinforced concrete floor slab (specify thickness in bid) | | SM | | | 0 |
|----------------------------|------|---|------|-----------------------------------|----------|----------------|-----------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | - | Indicate Unit of Measure Balow | | | |
| | - | Repair stairs | | SM | | 15.00 | 0 |
| | | | | | | | 0 |
| | | Install stairway railing | | LM | | 18.00 | 0 |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | THEM COS |
| - MALE & OCIENTO OT STEINS | 11Cm | Remove damaged plaster from walls | SILE | MEASURE | QUARTITY | US) | (\$ US) |
| | | or cellings and repair with morter | | | | | |
| | 4.1 | and/or gypsum plaster as required Prepare well or ceiling surface, apply | _ | SM | | 1 | 0 |
| | | 1 cost primer/sealer and 2 costs latex | | | | | |
| | 4.2 | (water based) paint Prepare well or ceiling surface, apply | | SM | 860 | 4.00 | 3440 |
| | | 1 cost primer/sealer and 2 costs oil | | | | | |
| | 4.3 | based paint | | SM | | | 0 |
| | 4.4 | Demolish unsound waits / ceilings and dispose of all debris | | SM | 4 | 2.00 | 8 |
| | - | Build new masonry wall with | | 3191 | - | 2.00 | 0 |
| | 4.5 | mortar/plasser finish | | SM | 16 | 40.00 | 640 |
| | | Remove damaged caramic tile wall | | | | | |
| | 4.6 | Other (Describe in the space below. | | SM Indicate Unit of | | + | 0 |
| | | Use Bid Item 10 if necessary) | | Moasure Below | | | |
| | - | Fill in wall openings | | SM | | 40.00 | 0 |
| | | | | | | | 0 |
| | | Install suspended celling | | SM | 322 | 10.00 | 3770 |
| | | Remove suspended ceiling | | SM | | 2.00 | 0 |
| | | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - ROOF SYSTEMS | TEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | | Replace and seal damaged or | | | | | |
| | 5.2 | missing roof tiles | | SM | | 30.00 | 0 |
| | 5.3 | Repair parapet walls, feacie, or eaves | | SM | | | 0 |
| | | | | 1 | | 1 | |
| | 5.4 | Install new steel roof penels | | SM | 390 | 18.00 | 6240 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 3.3 | Date 100 Galland Company | | Edul | | - | |
| | 5.6 | Install new roof dmiln | | Each | | | 0 |
| | 1 2 | | | | | | |
| | 5.7 | Install new downspoul Other (Describe in the space below. | | Each Indicate Unit of | 4 | 90.00 | 320 |
| | | Use Bid Hem 10 if necessary) | | Measure Below | | | |
| | | | | | | | 0 |
| | | | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 6.1 | Install new wooden hollow-core door (specify size) | | Eecn | 3 | 30.00 | 90 |
| | | Install now wooden door framo | | | - | 1 | |
| | 6.2 | (specify size) | | Each | | | 0 |
| | 6.3 | Install new steel door (apecify size) | | Each | 2 | 50.00 | 100 |
| | 0.3 | | | | | | |
| | | Steel double door | | Each | | 160.00 | 0 |
| | + | High security steel bars | | Each | | 150.00 | 0 |
| | 8.4 | Install new steet door frame (specify size) | | Each | 5 | 35.00 | 175 |
| | | | | | | | |
| | + | Steel double door frame | | Each | | 100.00 | 0 |
| | 8.5 | Install new deadbolt took and furnish 3 sets of keys | | Each | 5 | 10.00 | 50 |
| | | Lock set for high security steel barn | | | | 1000 | |
| | 1 | door | | Each | | 25.00 | 0 |
| | - | | | 4 | | | |
| | | Paint existing door (1 cost primer + 2 costs oil paint) | | OLI | | | 0 |
| | | coets oil paint) | | SM | | | 0 |
| | 6.6 | | | SM Each | 16 | | 0 |

| | | | | UNITOF | QUANTITY | UNIT PRICE (\$ | (\$ US) |
|----------------------|------|---|-------------------|-----------------------------------|----------|-----------------------|-----------|
| | | Use Bid Item 10 if necessary) | | Measure Below | | | 0 |
| | 8.6 | Install new air exhaust ductwork. Other (Describe in the space below. | | LM Indicate Unit of | | - | 0 |
| | 8.4 | Install new air supply ductwork | | UM | | | 0 |
| | | | | | | | |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.2 | Install new split air conditioning unit (specify number of tons) | | Each | | | o |
| | 8.1 | Install new window air conditioning unit (specify number of waits/amps) | | Each | 7 | 450.00 | 3150 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Install new exterior security lighting (specify type and size) | on perimeter wall | Each | | | 0 |
| | 7.15 | (specify type and size) | on buildings | Each | | | 0 |
| | 7.14 | 72 hours continuously) Install new exterior security lighting | | Each | | | 0 |
| | | Install new fuel tank for generator (with capacity to operate generator for | | | | | |
| | 7.13 | Install new electrical generator with changeover switch (specify make, model, and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains cabling (apacify type and size) | | LM | | | 0 |
| | 7.11 | type and capacity) | | Each | | | D |
| | 7.10 | type and capacity) Install new mains transformer (specify | | Each | 1 | 250.00 | 250 |
| | 7.9 | capacity) Install new isolation switch (specify | | Each | 1 | 750.00 | 750 |
| | - | Install new circuit breaker panel (specify number of breakers and | | 4.7 | | | |
| | 7.8 | type and capacity) | | Each | 4 | 10.00 | 40 |
| | 7.7 | Install new telephone jack. Install new circuit breaker (specify | | Each | 1 | 40.00 | 40 |
| | 7.6 | pair) | | Each | | | 0 |
| | | Install new telephone cable (single | | | | 10,00 | |
| | 7.5 | Install new ceiling fan | | Each | 9 | 40.00 | 360 |
| | | Install nightlights | | Each | | 17.00 | 0 |
| | 7.4 | Install new flourescent light facture | | Each | 21 | 40.00 | 840 |
| | 7.3 | Install new wall switch | | Each | 30 | 18.00 | 540 |
| | 7.2 | Install new electrical outlet | | Each | 25 | 17.00 | 425 |
| | 7.1 | install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| *** | - | | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| | 6.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measura Below | | | |
| | 6.11 | Paint existing window frames | | EA | | | 0 |
| | 6,10 | Clean existing windows | | SM | | | 0 |
| | | High security sleet bars | | Each | | 50.00 | 0 |
| | 6.9 | Install steel security bars (burglar bars) on window | | Each | 16 | 25,00 | 400 |
| | | Frame only | | Each | | 25.00 | 0 |
| | 6.6 | Prepare rough opening in wall and install new window frame and glass (specify size in bld) | | Each | 16 | 40.00 | 640 |
| | 6.7 | frame | - | SM | | | 0 |

| | 9.1 | Install new Eastern style toilet | | Each | 8 | 80.00 | 840 |
|---------------------|--------------|---|------|-----------------------------------|-------------|----------------|-----------|
| | 9.2 | Install new Western style toilet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 10 | 10.00 | 100 |
| | 9.3 | Install new sanitary drain pipes | | Esta | | 10,00 | 100 |
| | 9.4 | (specify diameter and type) | | LM | | 12.00 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Each | | | 0 |
| | | Remove existing asptic tanks and manholes | | Each | | | 0 |
| | | install new porcelain sink with shut-off | | | | 450.00 | 1200 |
| | 9.7 | valves | | Each | 8 | 150.00 | 1200 |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.0 | Install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | 2.44 | Instell new plastic water tanks | | Each | 1 | 375.00 | 375 |
| | 9.11 9.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 3/5.00 | 3/3 |
| | | Install shower unit | | Each | | 150.00 | 0 |
| | | | | | | | O |
| | | Water pump | | Each | | 145.00 | 0 |
| | | | | UNITOF | OU LANGUAGE | UNIT PRICE (\$ | ITEM COST |
| - OTHER BID ITEMS | ITEM | DESCRIPTION Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace lotchen table/shelf | | Each | | 150.00 | o |
| | | Nopoce Kitchen tolmismon | | Cour | | 130.00 | |
| | 10.3 | | | | | | a |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | *** | | | | 0 |
| | | | | 36889 | | | |
| stimated BID PRICE: | 1 | | | | | | |

| CPA PROJECT INFORMATION (T | o be complete | by the CPA Action Officer) | 1 | | | | |
|----------------------------|---------------|--|---------------|-----------------------------------|----------|-----------------------|----------|
| CPA PROJECT NUMBER: | | | | | | | |
| CPA PROJECT TITLE: | | | Kitchen and | Recreation B | uilding | | |
| BID ITEMS | - | | | UNIT OF | | UNIT PRICE | ITEM COS |
| 1 - PERSMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) |
| | 1.1 | Repair perimeter well (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | (concrete or brick construction) | | SM | | | _ 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1,4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install atool dig platos | 1 meter high | LM | | | 00 |
| | 1,5 | Repair entry/exit gate | | Each | | | 0 |
| | 1.6 | Install new entry/axil gate | | Each | | | _ 0 |
| | - + - | Vehicle "Sally Port" | | Each | | | ō |
| | | Man "Sally Port" | | Each | | | 0 |
| | 1.7 | Install razor wire on existing fence or wall | | LM | | | 0 |
| | 1,8 | Prepare surface and paint existing gates or fences with 1 cost primer and 2 costs oil paint | | SM | | | 0_ |
| | 1.9 | Prepare surface and paint existing perimter wall with 2 coats vester based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | Complete structural concrete guard tower with steel roofing | | Each | | 3510,00 | _ 0 _ |
| 2 - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | | Remove and dispose off site all trash | | | | | |
| | 2.1 | and debris Demolish unsafe structures and | - | SM | | | 0 |
| | 22 | dispose of all debris. Grading and leveling of ground (to include removing protruding objects.) | | LS | | | 0 |
| | 2.3 | from ground) Repair exphalt pevernents or | | SM | | | 0 |
| | 2.4 | walkways | | SM | | | 0 |
| | 2.5 | Replace asphalt pavements or walkways | | SM | | | 0 |
| | 2.6 | Repair concrets pavements or welltways | | SM | | | _0 |
| | 2.7 | Replace concrete povements or well-ways | - | SM | | | 0 |
| | 28 | Repair other type of pavements or walkways Other (Describe in the space below. | | SM Indicate Unit of | | | 0 |
| | 2.0 | Use Bid Item 10 If necessary) | | Measure Below | | | 0 |
| | | Construct concrete entry steps | | Each | 4 | 150.00 | 600 |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| 3 - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 24 | Pressure wash and clean existing floors | | SM | 575 | 1.00 | 575 |
| | 3.1 | Remove and dispose damaged floor coverings | | SM | 437 | 1.00 | 437 |
| | 3.3 | Install new floor coverings | | SM | 437 | 15.00 | 6555 |
| | 3,3 | Repair structurally demaged floor | 1 | | 191 | | |

| | 3.5 | Install new reinforced concrete floor alab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|--|------|---|----------|-----------------------|-------------|
| | 3.6 | Other (Describe in the apace below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | - | Repair stairs | _ | SM | - | 15.00 | 0 |
| | - | Install stairway railing | | LM | | 18.00 | |
| | - | | | UNITOF | | UNIT PRICE (\$ | O ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or calling surface, apply 1 cost primer/sealer and 2 coats latex (water based) paint | | SM | 521 | 400 | 2084 |
| | 4.3 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats oil based paint | | SM | | | 0 |
| | 1.0 | Demolish unwound walls / cellings and | | - | • | | |
| | 4.4 | dispose of all debris | | SM | 9 | 2.00 | 18 |
| - | 4.5 | Build new masonry well with morter/plaster finish | | SM | 19 | 40.00 | 790 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Gid Item 10 if necessary) | | Indicate Unit of Measure Below | | 1 " | 0 |
| | - | Fill in wall openings | - | SM | | 40.00 | 0 |
| | | Install suspended celling | | SM | | 10.00 | 0 |
| | | Remove suspended calling | | SM | 437 | 200 | 874 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 5.2 | Replace and seal damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | 5.3 | Repair parapet walls, feacia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Eart) | | | 0 |
| | | | | | | | |
| | 5.7 | Instell new downspout Other (Describe in the space below. Use Bild Item 10 if necessary) | | Each Indicate Unit of Measure Below | 6 | 80,00 | 480 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 6.1 | Install new wooden hollow-core door (specify size) | | E=+h | | 30.00 | 0 |
| | | Install new wooden door frame | | | | 50,00 | 0 |
| | 6,2 | (specify size) | | Each | | | |
| | 6,3 | Install new abset door (specify size) | | Each | 8 | 50.00 | 400 |
| | + | Steel double door | | Each | | 160.00 | |
| | 6.4 | High security steel bare Install new steel door frame (specify stre) | - | Each Each | 8 | 150.00 35.00 | 280 |
| | | | | | | | 0 |
| | | Steel double door frame Install new deadbolt lock and famish 3 | | Each | | 100,00 | |
| | 6.5 | sets of keys Lock set for high security steel bank | | Each | 6 | 10.00 | 00 |
| | 4 | door | | Each | | 25,00 | 0 |
| | | Paint existing door (1 cost primer + 2 costs oil paint) | | SM | | | 0 |
| | 6.6 | Install other type of door (specify size and type in bid) | | Each | | | 0 |
| | | | | | | | |

| | 9.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
|----------------------|------|--|-------------------|--------------------------|----------|----------------|----------|
| | 6.7 | Prepare rough opening in wall and | | OM . | | | |
| | 6.8 | install new window frame and glass (specify size in bid) | | Each | | 40.00 | 0 |
| | | Frame only | | Each | 30 | 25.00 | 975 |
| | 6.9 | Install steel security bers (burgler bers) on window | | Each | | 25.00 | 0 |
| | | High security steel bars | | Each | 39 | 50.00 | 1950 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | | | | | | 1 | 0 |
| | 6.11 | Paint existing window frames Other (Describe in the space below. | | EA Indicate Unit of | - | 1 | |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | |
| | | | | UNIT OF | | UNIT PRICE (\$ | ITEM COS |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | tristall new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 20 | 17.00 | 340 |
| | 7.3 | Install new well switch | | Each | 14 | 18.00 | 252 |
| | 7.4 | Install new flourescent light fedure | | Each | | 40.00 | 0 |
| | | Install new buildhead vandatproof lights | | Each | 38 | 200.00 | 7600 |
| | - | | | Each | 38 | 17.00 | 546 |
| | | Install nightlights | | | | | |
| | 7.5 | Install new ceiling fan | | Each | 21 | 40.00 | 840 |
| | | Install ceiling fan enclosure | | Each | 21 | 100.00 | 2100 |
| | 7.6 | install new telephone cable (single pair) | | Each | | - | 0 |
| | 7.7 | install new talephone jack | | Each | 1 | 40.00 | 40 |
| | 7.8 | inetali new circuit breaker (specify type and capacity) | | Each | 7 | 10.00 | 70 |
| | 1.6 | Install new circuit breaker panel (specify number of breakers and | | List | | 10.00 | |
| | 7.9 | capacity) Instuti new isolation switch (specify | | Each | 1 | 750.00 | 750 |
| 4 | 7.10 | type and capacity) | | Each | 1 | 250.00 | 250 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | 1 | Install new electrical generator with changeover switch (specify make, | | | | | |
| | 7.13 | model, and capacity) Install new fuel tank for generator | | Each | | | 0 |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | |
| - | 7.15 | Install new exterior security lighting | | | | | o |
| | 7.16 | (specify type and size) Other (Describe in the space below. | on perimeter wall | Each Indicate Unit of | | | U |
| | | Use 8kl Item 10 if necessary) | | Measure Below | | | 0 |
| MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| - MEGINARAL STOTERS | | Install new window air conditioning | | | | | |
| | 8,1 | unit (specify number of watte/amps) Install new split air conditioning unit | | Each | | 450,00 | 0 |
| | 8.2 | (specify number of tons) | | Each | | | 0 |
| | 8.3 | Instalt new ashaust fan and ductwork | | LM | | | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |

| | | Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|--|------|---|----------|-----------------------|-----------------------------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | |
| | 9.1 | Install new Eastern style toilet | | Each | 5 | 80,00 | 400 |
| | 9.2 | Install new Western style toliel | | Esch | | | 0 |
| | 9.3 | Tost and clean sanitary drain pipes | | Each | 7 | 10.00 | 70 |
| | 9.4 | Install new sanitary drain pipes (specify diameter and type) | | LM | 3 | 12.00 | 36 |
| _ | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) Install new septic tank (to include | | Each | | | 0 |
| | 9.6 | locking hatch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 9.7 | Install new porcelain sink with shut-off valves | _ | Each | 5 | 150.00 | 750 |
| | 9.8 | Irustati new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | 0.44 | | | | | | - |
| | 9.11 | Install new plactic water tantos Other (Describe in the space below. Use Bid Item 10 if necessary) | | Each Indicate Unit of Measure Below | 1 | 375.00 | 375 |
| | | Install shower unit | _ | Each | - | 150.00 | 0 |
| | | Water pump | | Each | 1 | 145.00 | D |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | 145 ITEM COST (\$ US) |
| - OTHER DID ITEMS | | Provide armed security personnel 24 hours per day during the entire | SEE | | QUANTITY | US) | |
| | 10.1 | duration of the contract | | DAYS | | 1 | 0 |
| | 10.2 | Replace birchen table/shell | | CM | 7 | 150,00 | 1050 |
| | 10.3 | | | - | | | 0 |
| _ | 10.4 | | | | | - | 0 |
| | 10.5 | | | - | | | 0 |
| | 10.8 | | | | | - | 0 |
| | 10.7 | | | | | | _ 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10,11 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10,14 | | | | | | 0 |
| | 10.15 | | | | | | 0 |
| stimated BID PRICE: | | | | 32002 | | | |

| | | d by the CPA Action Officer) | - | | | | - | | |
|----------------------|------|---|-----------------------|-----------------------------------|----------|----------------|-----------|--|--|
| CPA PROJECT NUMBER: | | - | Futerna C | and Haven | | | - | | |
| CPA PROJECT TITLE: | | | Entrance Guard Houses | | | | | | |
| BID ITEMS | - | | | UNIT OF | | UNIT PRICE | ITEM COST | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION Repair perimeter wall (concrete or | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) | | |
| | 1.1 | brick construction) | | SM | | 1 | 0 | | |
| | 1.2 | (concrete or brick construction) | | SM | | | 0 | | |
| | | Construct Precast concrete perimeter wait | | SM | | | 0 | | |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 | | |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 | | |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 | | |
| | | Install steel dig plates | 1 meter high | LM | | | 0 | | |
| | 1.5 | Repair entry/exit gate | | Each | | | 0 | | |
| | 1.6 | Install new entry/end gale | | Each | | | 0 | | |
| | | Vehicle "Sally Port" | | Each | | | 0 | | |
| | | Man "Sally Port" | | Each | | | 0 | | |
| | 1.7 | Install ruzor wire on existing fence or wall | | LN | | | 0 | | |
| | 1.8 | Prepare surface and paint existing gates or fences with 1 coal primer and 2 coats oil paint | | SM | | | 0 | | |
| _ | 1.9 | Prepare surface and paint existing perinter wall with 2 costs water based paint (latex) | | SM | | | 0 | | |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | o | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 | | |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) | | |
| | 2.1 | Remove and dispose off site all tresh and debris | | SM | | | 0 | | |
| | 2.2 | Demoish unsafe structures and dispose of all debris | | LS | | | 0 | | |
| | | Grading and leveling of ground (to include removing protruding objects | | | | | | | |
| | 2.3 | from ground) Repeir asphelt peverents or | | SM | | | 0 | | |
| | 2.4 | welloways Replace asphall pavements or | | SM | | | 0 | | |
| | 2.5 | walkways Repair concrete pevernents or | | SM | | | 0 | | |
| | 2.8 | welloweys Replace concrete pevernents or | | SM | | | 0 | | |
| | 2.7 | Wellinstyll | | SM | | | 0 | | |
| - | 2.8 | Repair other type of pavements or walloways | | SM Indicate Unit of | | | 0 | | |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Measure Below | | | 0 | | |
| | | Construct concrete entry steps | | Each | | 150.00 | 0 | | |
| | - | Construct concrete entry ramp | | Each UNIT OF | | 400,00 | O TEM COS | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION Pressure wash and clean existing | SIZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | 3.1 | Romove and dispose damaged floor | | SM | 50 | 1.00 | 50 | | |
| | 3.2 | coverings | | SM | | 1.00 | D | | |
| | 3.3 | Install new floor coverings | - | SM | | 15.00 | 0 | | |
| | 3.4 | Repair structurally damaged floor stabs | | SM | | 15.00 | 0 | | |

| | 3.5 | Install new reinforced concrete floor slab (apacity thickness in bid) | | SM | | | 0 |
|--------------------------|------------|--|-------|-----------------------------------|----------|----------------|-------------|
| | 3.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | _ | Indicate Unit of Measure Below | | | |
| | - | Repair stairs | - | SM | | 15.00 | 0 |
| | - | | | | | 18.00 | 0_ |
| | | Install stainway railing | | LM | | | D ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 41 | Remove damaged plaster from wells or callings and repair with morter and/or gypsum plaster as required | | SM | | | 0 |
| - | | Prepare wat or celling surface, apply 1 cost primer/seeler and 2 costs latex | - | | | | |
| | 4.2 | (water based) paint Prepare wall or ceiling surface, apply 1 cost primer/sealer and 2 costs oil | | SM | 162 | 4.00 | 726 |
| | 4.3 | based paint | | SM | | - | _ 0 |
| | 4.4 | Demolish unsound walts / ceilings and dispose of all debris | | SM | | 2.00 | 8 |
| | | Build new masonry wall with | - | | - | | |
| | 4.5 | mortar/plaster finish Remove damaged ceramic tile wall | | SM | | 40.00 | 0 |
| | 4.6 | covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | 1 | Fili in wall openings | | SM | | 40.00 | 0 |
| | - | Install suspended ceiling | | SM | | 10.00 | 0 |
| - | 1 | Remove suspended calling | | SM | | 2.00 | 0 |
| | | | 20.00 | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reassi joints around roof tiles | | SM | | 0 | 0 |
| | 5.2 | Replace and seal damaged or missing roof files | | SM | | 30,00 | 0 |
| | 5.3 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof penels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 1 | | | | | | 100 |
| | 5.7 5.8 | Install new downspout Other (Describe in the space below. | | Each Indicate Unit of | 2 | 90.00 | 160 |
| | | Use Bid Item 10 if necessary) | | Measure Balow | | | 0 |
| - DOORS & WINDOWS | FTEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (S US) |
| | | install new wooden hollow-core door | | | | | |
| | 6.1 | (apecity size) | | Each | | 30.00 | 30 |
| | 6.2 | Install new wooden door frame (specify size) | | Each | | | 0 |
| | 5.3 | Install new steel door (specify size) | | Each | 8 | 50,00 | 308 |
| | - | Steel double door | | Each | | 100.00 | 0 |
| | | High security steel bars | - | Each | | 150.00 | 0 |
| | 0.4 | Install new steel door frame (specify size) | | Each | 7 | 35.00 | 246 |
| | 1 | Steel double door frame | | Each | | 100.00 | 0 |
| | | Install new deadbolt lock and furnish 3 | - | | - | | |
| | 6.5 | sets of keys Lock set for high security steel bars | | Each | 6 | 10.00 | 60 |
| | - | Paint existing door (1 cost primer + 2 | | Each | - | 25,00 | 0 |
| | - | costs oil paint) | | SM | | | 0 |
| | 6.6 | Install other type of door (specify size and type in bid) | | Each | | | 0 |
| | | | | | | | |

| | - | Remove broken window glass and | | | | | |
|---------------------------|--------|--|-------------------|---|----------|--------------------|-----------|
| | 6.7 | replace with new glass in existing frame | | SM | 43- | | 0 |
| | 8.8 | Prepare rough opening in wail and install new window frame and glass (specify size in bid) | | Free | | 40.00 | 80 |
| | 0.0 | Frame only | | Each Each | 2 | 40.00 | 0 |
| | | Install steel security bare (burglar | | | | | |
| | 59 | bare) on window | | Each | 2 | 25.00 | 50 |
| | - | High security steel bars | | Each | | 50.00 | -0 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 6.11 | Paint existing window frames | | EA | | İ | 0 |
| | 0.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Bolow | | | 0 |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | ITEM COST |
| - BLECTRICAL STRICERS | lika | Install new surface-mounted electrical | - | MENOURE | QUANTITY | USI | (9 03) |
| | 7.1 | wiring (specify wire type & dismeter) | | LM | | | 0 |
| | 7.2 | install new electrical outlet | | Each | 7 | 17.00 | 110 |
| | 7.3 | Install new wall switch | | Each | 5 | 18.00 | 90 |
| | 7.4 | Install new flourescent light fixture | | Each | 5 | 40.00 | 200 |
| | | Inetali nightlights | | Each | | 17.00 | 0 |
| | 7.5 | Install new celling fan | | Each | 2 | 40.00 | 80 |
| | 7.6 | Install new telephone cable (single pair) | | Emch | | | D |
| | | | | | | | |
| | 7.7 | Install new telephone jack Install new circuit breaker (specify | | Each | 1 | 40,00 | 40 |
| | 7.8 | type and capacity) Install new circuit breaker panel (specify number of breakers and | | Each | - 4 | 10.00 | 40 |
| | 7.9 | capacity) | | Each | | 750.00 | 750 |
| | 7.10 | Install new isolation switch (spacify type and capacity) | | Each | 1 | 250.00 | 250 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | 7.12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | 7.10 | Install new electrical generator with changeover switch (specify mails, | | - Cm | | | |
| | 7.13 | model, and capacity) Install new fuel tenk for generator | | Each | | + | 0 |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior sucurity lighting (specify type and size) | on buildings | Each | | | 0 |
| | | Install new exterior security lighting | | | | | |
| | 7.16 | (specify type and size) Other (Describe in the space below. Use Bid Item 10 if necessary) | on perameter wall | Each Indicate Unit of Measure Below | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST |
| - REGISCHOOL STOTEMS | | Install new window air conditioning | Jack | | 40,41177 | | |
| | B.1 | unit (specify number of waits/amps) Install new split air conditioning unit | | Earch | | 450.00 | 0 |
| | 8.2 | (specify number of tons) | | Each | | 1 | 0 |
| | 8.3 | Install new exhaust fan and duchwork | | LM | - | | 0 |
| | 8.4 | Install new air supply ductwork | - | LM | | | 0 |
| | 8.5 | Install new air exhaust duchwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if recessary) | | Indicate Unit of Measure Bolow | | | |
| | - | | | UNITOF | | UNIT PRICE (\$ | TEM COST |
| - SANITARY & WATER SYSTEM | S ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | U5) | (\$ US) |

| | 9.1 | Install new Eastern style tollet | - | Each | 1 | 80.00 | 80 |
|----------------------|-------|---|------|------------------|----------|--|----------|
| | 9.2 | install new Western style toller | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | 19.00 | 0 |
| | | Install new sanitary drain pipes | | | | | |
| | 9.4 | (specify diameter and type) | | LM | 6 | 12.00 | 72 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hetch coveru) | | Each | | | 0 |
| | | Install new septic tank (to include | | | | | |
| | 9.6 | locking hetch covers) Remove existing septic tanks and | | Each | | | 0 |
| | | manholes Install new porcelain sink with shut-off | | Each | | - | 0 |
| | 9.7 | Aspes | | Each | 1 | 150.00 | 150 |
| | 9.6 | Install new water piping (specify alze and type i.e. PVC, steel, copper) | | LM | | - | 0 |
| | 9.9 | Install new main shul-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | D 44 | install new plastic water tanks | | Each | 1 | 375,00 | 375 |
| | 9.11 | Other (Describe in the space below. | | Indicate Unit of | | 575,00 | 0,0 |
| | | Use Bid Item 10 if necessary) | | Measure Below | | | 0 |
| | | install shower unit | | Each | | 150.00 | 0 |
| | | Water pump | | Each | 1 | 145,00 | 145 |
| | | | | UNITOF | | UNIT PRICE (S | ITEM COS |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kilchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | - | | 0 |
| | 10.6 | | | - | | | 0 |
| | | | | | | | 0 |
| | 10.7 | | | 1 | | | |
| | 10.8 | | | - | | - | 0 |
| | 10.9 | 1 | | | - | | 0 |
| | 10,10 | | | + | | | 0 |
| | 10.11 | | | | | - | 0 |
| | 10.12 | | | | - | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | | | | 0 |
| | | | | | | | |
| | | | | | | | |
| Estimated BID PRICE: | | | | 4242 | | | |

| CPA PROJECT NUMBER: | | | | | | | |
|----------------------|------|--|---------------|-----------------------------------|----------|--------------------|-------------|
| | | | Guard Hous | | | | |
| CPA PROJECT TITLE: | | | Guaro nous | se | | | |
| BID ITEMS | - | | | UNITOF | - | UNIT PRICE | ITEM COST |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) |
| | 1.1 | Repair perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | 1,2 | Construct new perimeter wall (concrete or brick construction) Construct Precest concrete perimeter | | SM | | | 0 |
| | - | wall | | SM | | - | 0 |
| | 1.3 | Repair perimeter fence (steel) | | 514 | | | 0 |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | f motor high | LM | | | 0 |
| | 1.5 | Repair emy/exit gate | | Each | | | 0 |
| | 1,6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | | | o |
| | | Man "Sally Port" | | Each | | | 0 |
| | 1.7 | Install rezor wire on existing fence or wall | | LM | | | 0 |
| | 1.8 | Prepare surface and paint existing gates or fences with 1 cost primer and 2 costs oil paint. | | SM | | | 0 |
| | 1.9 | Prepare surface and point existing perimter wall with 2 costs water | | SM | | | 0 |
| | 1.10 | Other (Describs in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | _ | Complete structural concrete guard | | Each | | 3510.00 | 0 |
| | | tower with sleet rooting | | | | | O ITEM COST |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$) | (\$ UB) |
| | 2.1 | Remove and dispose off site all trash and debris | | SM | | | 0 |
| | 22 | Demotish unsafe structures and dispose of all debris | | LS | | | 0 |
| * | | Grading and leveling of ground (to include removing protruding objects | | | _ | | |
| | 2.3_ | from ground) Repair asphall prevenents or | | SM | | | 0 |
| | 2.4 | walkways Replace asphalt pavements or | | 5M | | | 0 |
| | 2.5 | Repeir concrete pavements or | | SM | | - | 0_ |
| | 2.6 | walkways | | SM | | | 0 |
| | 2.7 | Replace concrete pavements or wulkways | | SM | | | 0_ |
| | 28 | Repair other type of pavements or wallowys | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below: Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Construct concrete entry steps | | Each | | 150,00 | 0 |
| | | Construct concrete entry ramp | | Each | | 400,00 | 0 |
| - FLOOR SYSTEMS | CTEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (S US) |
| | 3.1 | Pressure week and clean existing floors | | SM | | 1.00 | 0 |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | | 1.00 | 0 |
| | 3.3 | Install new floor coverings | | SM | | 15.00 | 0 |
| | 3.0 | Repair structurally damaged floor | | | | | |

| | 3.5 | Install new reinforced concrete floor slab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|--|------|-----------------------------------|----------|-----------------------|-----------|
| | 3.6 | Other (Describe in the space below. Use Bird Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | Repoir atains | - | SM ~ | | 15.00 | 0 |
| - | | install stairway railing | | LM | | 18.00 | 0 |
| | 1 | | | UNITOF | - | UNIT PRICE (\$ | ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION Remove damaged planter from wells | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 41 | or ceilings and repair with morter and/or gypsum plaster as required Prepairs wall or ceiling surface, apply | | SM | | | 0 |
| | 4.2 | 1 cost primer/sealer and 2 costs latex (water based) paint | | SM | | 4.00 | 308 |
| | 4.3 | Prepare wall or calling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| | | Demolish unsound walls / ceilings and | | | | | |
| | 4.4 | dispose of all debris Build new mesonry well with | | SM | 2 | 2.00 | 840 |
| | 4.6 | mortar/plaster finish Remove damaged caramic tile wall covering and install new tiles | | SM | 21 | 40.00 | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | Fill in wall openings | | SM | | 40.00 | 0 |
| | + | Install suspended calling | | 5M | | 10.00 | 0 |
| | + | Remove suspended ceiling | | SM | | 2.00 | 0 |
| | + | Trainers suspensed county | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| 5 - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEA\$URE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 52 | Replace and seal damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | 53 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | _ | 16,00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5,6 | Install new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspout | | Each | 2 | 80.00 | 160 |
| | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 6,30 | 0 |
| 6 - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 8.1 | Install new wooden hollow-core door (specify size) | | Each | 1 | 30.00 | 30 |
| | | Install new wooden door frame | | | | 30.00 | |
| | 6.2 | (specify size) | | Each | | - | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | 1 | 50.00 | 50 |
| | - | Steel double door | | Each | | 160.00 | 0 |
| | | High security steel bers Install new steel door frame (specify | | Each | | 150.00 | 0 |
| | 6.4 | Size) | | Each | 2 | 35,00 | 70 |
| - | | Steel double door frame Install new deadboll lock and furnish 3 | | Each | - | 100.00 | 0 |
| | 8.5 | sets of keys | | Each | 1 | 10.00 | 10 |
| | | Look set for high security steel bars door | | Each | | 25,00 | 0 |
| | | Paint existing door (1 coat primer + 2 coats oil paint) | | SM | | | 0 |
| | 6.6 | Install other type of door (specify size and type in bid) | | Each | | | 0_ |
| | | Bathroom stall door | | Each | | 20.00 | 0 |

| | | 5. A 56.111.05 H | | o, DID OIL | | | |
|----------------------|------|--|-------------------|------------------------|----------|----------------|----------------|
| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
| | - | Prepare rough opening in wall and | 1 | Ger | | | |
| | | install new window frame and glass | | | | | |
| | 6.5 | (specify size in bid) | | Each | 3 | 40.00 | 120 |
| | | Frame only | | Each | | 25.00 | 0 |
| | | install steel security bars (burglar | | | | | |
| | 8.9 | bars) on window | | Each | 3 | 25.00 | 75 |
| | | | | | | | |
| | - | High security steel bars | - | Each | | 50.00 | 0 |
| | 0.40 | Characteristics of the same | | | | | |
| | 8.10 | Clean existing windows | - | SM | | + | 0 |
| | 0.44 | Claim mainting a series of the series | | | | | 0 |
| | 6.11 | Paint existing window frames Other (Describe in the space below. | - | EA Indicate Unit of | | - | |
| | 0.72 | Use Bid Item 10 if necessary) | 1 | Measure Balow | | | |
| | | | | | | | |
| | - | | - | UNITOF | | UNIT PRICE (\$ | TIEM COST |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | | 1 | | | | (0.00) |
| | 100 | Install new surface-mourned electrical | 1 | | | | |
| | 7.1 | wring (specify wire type & diameter) | | LM | | | 0 |
| | | | | | | | |
| | 7.2 | Install new electrical outlet | - | Each | 3 | 17.00 | 51 |
| | - | | | | | 0.00 | |
| | 7.3 | Install new wall switch | - | Fach | 3 | 18.00 | 54 |
| | | town to the same of the same o | | | - | 1 | |
| | 7.4 | Install new flourescent light fodure | | Each | 5 | 40.00 | 200 |
| | | Install nightlights | | Each | | 17.00 | 0 |
| | | | | | | | |
| | 7.5 | Install new ceiling fan | | Each | 2 | 40.00 | 60 |
| | | install new telephone cable (single | | | | | |
| | 7.6 | peir) | | Each | | | 0 |
| | | | | | | | |
| | 7.7 | Install new telephone jack | | Each | 1 | 40.00 | 40 |
| | | Install new circuit breaker (apecify | | | | | |
| | 7.8 | type and capacity) | | Each | 2 | 10.00 | 20 |
| | | Install new circuit breaker panel | | | | | |
| | 7.9 | (specify number of breakers and capacity) | | F | | 750.00 | 750 |
| | 7.0 | | | Each | 1 | /50.00 | 790 |
| | 7.10 | Install new isolation switch (specify type and capacity) | 1 | Each | 1 | 250.00 | 250 |
| | 7.10 | Install new mains transformer (specify | | EBGI | | 230.00 | 230 |
| | 7.11 | type and capecity) | | Each | | | 0 |
| | | Install new mains cabling (specify type | | | | | |
| | 7.12 | and size) | | LM | | | 0 |
| | | Install new electrical generator with | | | | | - |
| | | changeover switch (specify make, | | | | | |
| | 7.13 | model, and capacity) | | Each | | | 0 |
| | | Install new fuel tenk for generator (with capacity to operate generator for | | | | | |
| | 7.14 | 72 hours continuously) | | Each | | | 0 |
| 1 | 7.14 | Install new adurior security lighting | | Calai | - | | U |
| | 7.15 | (specify type and size) | on buildings | Each | | | 0 |
| | | Install new exterior security lighting | | | | | |
| | | (specify type and size) | on perimeter wall | Each | | | 0 |
| | 7.16 | Other (Describe in the space below. | | Indicate Unit of | | | |
| | | Use Bid Item 10 if nacessary) | | Measure Below | | | |
| | | | | | | | 0 |
| | | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | Install new window air conditioning | | | | | 100 |
| | 8.1 | unit (specify number of wetts/amps) | | Each | 1 | 450.00 | 450 |
| | | Install new split air conditioning unit | | | | | |
| | 8.2 | (specify number of tons) | | Each | | | 0 |
| | 8.9 | factal pay orbayet for and distinct | | 900 | | | 0 |
| | 8.3 | install new exhaust fan and ductwork | - | LM | | - | U |
| | 8.4 | leaded new pir myrch church-ook | | 184 | | | 0 |
| | 0.4 | Install new air supply ductwork | | LM | | | U |
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. | 1 | Indicate Unit of | | - | U |
| | | Use Bid Hern 10 if necessary) | | Measure Below | | | |
| | | | 1 | | | 1 00 | |
| | | | | | | | |
| | | | | UNIT OF | | UNIT PRICE (\$ | 0 ITEM COST |

| Estimated BID PRICE: | | | | 4896 | | | |
|----------------------|-------|--|------|-----------------------------------|----------|----------------|--------|
| | 10.15 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.10 | | _ | | | 1 | 0 |
| | | | | | | 1 | |
| | 10.9 | | | - | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10,5 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.3 | | | | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.1 | duration of the contract | | DAYS | | | 0 |
| | | Provide armed security personnel 24 hours per day during the entire | | | 34.34 | | |
| - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (S US) |
| | | Water pump | | Each | 1 | 145.00 | 145 |
| | 1 | | | | | | 0 |
| | | Install shower unit | | Each | | 150.00 | 0 |
| | 9.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | 9,11 | Install new plactic water tenks | | Each | 1 | 375.00 | 375 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90,00 | 90 |
| | | | _ | | _ | | |
| | 9.9 | Install new main shut-off valve | | Each | 1 | 50,00 | 50 |
| | 9.8 | Install new water piping (specify size and type I.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.7 | valves | | Each | 1 | 150.00 | 150 |
| · · · · · · · · | | marrholee Install new porcelain sink with shut-off | _ | Each | | | 0 |
| _ | 9.6 | locking halch covers) Remove existing septic tanks and | | Each | | 1 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) Install new septic tank (to include | | Each | | | 0 |
| | 9.4 | (specify diameter and type) | | LM | 2 | 12.00 | 24 |
| | 9.3 | Test and clean sanitary drain pipes Install new sanitary drain pipes | | Each | | 10.00 | 0 |
| | | | | | | | |
| | 9.2 | Install new Western style toilet | | Each | | | 0 |

| CPA PROJECT INFORMATION (T | | | | | | | |
|----------------------------|------|---|---------------|-----------------------------------|----------|-----------------------|---------|
| PA PROJECT NUMBER: | | | Cuand Taux | | | | |
| PA PROJECT TITLE: | - | | Guard Tow | ers | _ | - | |
| PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| PERMETER SCOOTITI | 1.1 | Repair perimeter wall (concrete or brick construction) | SILLE | SM | QUARTITY | (\$05) | 0 |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SN | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 metern high | SM | | | 0 |
| | | Inetali stool dig platee | 1 meter high | LM | | | D |
| | 1.5 | Repair entry/extl gate | | Each | | | 0 |
| | 1.6 | Install new entry/exit gale | | Each | | | 0 |
| | | Vehicle "Selly Port" | | Each | | | 0 |
| | | Main "Sally Port" | | Each | | | 0 |
| | 1.7 | install razor wire on existing fence or wall Prepare surface and paint existing | | LM | | | 0 |
| | 1.8 | gates or fences with 1 coat primer and 2 coats oil paint Prepare surface and paint existing | | SM | | | 0 |
| | 1.9 | perimier wall with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Complete structural concrete guard tower with steel rooting | | Each | 8 | 3510,00 | 28060 |
| SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 2.1 | Remove and dispose off site all trash and debris | | SM | | | 0 |
| | 2.2 | Demoish unsafe structures and dispose of all debris | | LS | | | 0 |
| | 2.3 | Grading and leveling of ground (to include removing protruding objects from ground) | | SM | | | 0 |
| | | Repair asphalt pavements or | | | - | | |
| | 2,4 | Replace asphalt peverents or | | SM | - | | 0 |
| - | 2.5 | Repair concrete pavements or | | SM | | | 0 |
| | 2.6 | Replace concrete pevernents or | | SM | | | 0 |
| - | 2.7 | welloways Repeir other type of pavements or walloways | | SM | | | 0 |
| | 2.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Messure Below | | | |
| - | | Construct concrete entry steps | | Fach | | 150.00 | 0 |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3.1 | Pressure wash and clean existing floors | | SM | | 1.00 | 0 |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | | 1.00 | 0 |
| | 3.3 | Install new floor coverings | | SM | | 15.00 | 0 |
| | 3.4 | Repair structurally damaged floor stabs | | SM | | 15.00 | 0 |

| | 3.5 | Install new reinforced concrete floor stab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|--|------|-----------------------------------|----------|----------------|-------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| - | 1 - | Repair stairs | | SM | | 15.00 | |
| - | | Install stairway railing | | LM | | 18.00 | 0 |
| | - | | | UNITOF | | UNIT PRICE (\$ | O ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or ceilings and repair with mortar and/or gypeum plaster as required | | SM | 410 | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 cost primer/sealer and 2 costs latex (water based) paint | | SM | | 4.00 | 0 |
| | 4.3 | Prepare wall or ceiling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| | 4 | Demolish unsound walls / cellings and | | | | 1700 | |
| | 4.4 | dispose of all dabris Build new mesonry wall with mortar/plaster finish | | SM | | 2.00 | 0 |
| | 7.0 | Remove damaged ceramic tile wall | | - Com | | 40.00 | |
| | 4.6 | covering and install new tiles. | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bild Item 10 if nacessary) | | Indicate Unit of Massure Below | | | 0 |
| | 1 | Fill in wall openings | | SM | | 40.00 | 0 |
| | 1 | Install suspended ceiling | | SM | | 10.00 | |
| | 1 | Remove suspended ceiling | | SM | | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 1 | Replace and seal damaged or | | | | | |
| | 5.2 | missing roof tiles | | SM | - | 30.00 | 0 |
| _ | 5.3 | Repair parapet walls, finicia, or eaves | | SM | | - | 0 |
| | 5.4 | install new steel roof panels | | SM | | 16.00 | 0 |
| A1 44 | 5.5 | Clear roof drain and downspout | | Each | | - | 0 |
| | 5.6 | Iretall new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspoul | | Each | | 80.0G | D |
| | 5.8 | Other (Describe in the space below. Use 8ld Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - DOORS & WINDOWS | ITEM | DESCRIPTION Install new wooden hollow-core door | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 6.1 | (specify size) | | Each | | 30.00 | 0 |
| ., | 6.2 | Install new wooden door frame (specify size) | | Each | | | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | | 50.00 | 0 |
| | | Steel double door | | Each | | 160.00 | 0 |
| | | High security steel bars | | Each | | 150.00 | 0 |
| | 6.4 | install new steel door frame (specify size) | | Each | | 35.00 | 0 |
| | | Steel double door frame | | Each | | 100.00 | D |
| | 8.5 | Install new deedbot book and furnish 3 arts of keys | | Each | | 10.00 | 0 |
| | 0.5 | Lock set for high security steel bars door | | Each | | 25.00 | 0 |
| | | Paint existing door (1 coal primer + 2 | | | | 25,00 | |
| | | coats oil paint) Install other type of door (specify size | | SM | | | 0 |
| - | 8.6 | and type in bid) | | Each | | - | 0 |
| | | Bathroom stall door | | Each | | 20.00 | 0 |

| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
|----------------------|-------|---|-------------------|-----------------------------------|-----------|----------------|-----------|
| | 6.8 | Prepare rough opening in wall and install new window frame and glass (specify size in bld) | | Each | | 40.00 | _ 0 |
| | | Frame only | | Each | | 25.00 | 0 |
| | 8.9 | Install steel security bars (burglar bars) on window | | Each | | 25.00 | 0 |
| | | High security steet bars | | Each | | 50.00 | 0 |
| | 6,10 | Clean existing windows | | SM | | | 0 |
| | | Date and the state of the state of | | EA | | | 0 |
| | 6.11 | Paint existing window frames Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | D |
| FICATORAL EVETERS | пем | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| - ELECTRICAL SYSTEMS | IIICM | | SILE | MEASURE | Sporterin | - 00, | (0.00) |
| | 7.1 | Install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 8 | 17.00 | 136 |
| | 7.3 | fristall new wall switch | | Each | В | 18.00 | 144 |
| | 7.4 | fraulall new flourescent light focure | | Each | 8 | 40.00 | 320 |
| | | install nightlights | | Each | | 17.00 | 0 |
| | 7.5 | Install new ceiling fen | | Each | | 40.00 | 0 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | 8 | 40.00 | 320 |
| | 7.8 | Install new circuit breaker (epecify type and capacity) | | Each | 8 | 10.00 | 80 |
| | 1.0 | frestall new circuit breaker panel (specify number of breakers and | , | | | | |
| | 7.9 | capacity) | | Each | 8 | 750.00 | 6000 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | | 250.00 | 0 |
| | 7.11 | Install new multine transformer (epecify type and capacity) | | Each | | | 0 |
| | 7 12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | 7.13 | Install new electrical generator with changeover switch (specify make, model, and capacity) | | Each | | | 0 |
| | 7.10 | Install new fuel tank for generalist | | - | - | | |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | | install new exterior security lighting (specify type and size) | on perimeter wall | Fach | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | | | | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (S | (\$ US) |
| | 8.1 | Install new window air conditioning unit (specify number of watts/amps) | | Each | | 450.00 | a |
| | 8.2 | install new apilit air conditioning smit (specify number of tons) | | Each | | | 0 |
| | 8.3 | Install new subaunt fan and ductwork | | LM | | | 0 |
| | 8.4 | install new air supply ductwork | | LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |
| | 8.6 | Other (Describe in the space below. Use Bid from 10 if necessary) | | Indicate Unit of Macaure Below | | | |
| | | | | UNIT OF | | UNIT PRICE (| ITEM COST |

| | 9.1 | Install new Eastern style tollet | | Each | | 80.00 | 0 |
|---------------------|-------|---|------|------------------|----------|----------------|---------|
| | 9.2 | Install new Western style toilet | | Each | | | 0 |
| | 9.3 | Test and clean senitary drain pipes | | Each | | 10.00 | 0 |
| | | Install new sunitary drain pipes | | | | | |
| | 9,4 | (specify diameter and type) | | LM | - | 12.00 | 0 |
| | 9.5 | Clean and repair existing saptic tanks (to include new locking hetch covers) | | Each | | | 0 |
| | | Install new septic tank (to include | | | | | 0 |
| | 9.6 | looking hetch covers) Remove existing septic tanks and | | Each | | 1 | |
| | - | manholes Install new porcelain sink with shut-off | | Each | | | 0 |
| | 9.7 | valves | | Each | | 150,00 | 0 |
| | 9.6 | Install new weter piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shul-off valve | | Each | 8 | 50.00 | 400 |
| | 9.10 | Install backflow prevention valve | | Each | 8 | 90.00 | 720 |
| | 9.11 | Install new plastic water tanks | | Each | 8 | 375.00 | 3000 |
| | 9.12 | Other (Describe in the space below. | | Indicate Unit of | 0 | 375.00 | 3000 |
| | | Use Bid item 10 if necessary) | | Massure Below | | | 0 |
| | - | Install shower unit | | Each | | 150.00 | |
| | | Water pump | | Each | 8 | 145.00 | 0 |
| | | | | UNITOF | | UNIT PRICE (\$ | 1160 |
| - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | | Provide armed security personnel 24 hours per day during the entire | | | | | |
| | 10.1 | duration of the contract | | DAYS | | - | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | . 0 |
| | 10.4 | | | | | ļ | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | - | | | | 0 |
| | 10.8 | | | | | | 0 |
| | | | | | | | 0 |
| | 10.9 | | | | | 1 | |
| | 10.10 | - | | - | | - | 0 |
| ***** | 10.11 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | 1 1 | | | 0 |
| | | | | | | | |
| stimated BID PRICE: | | | | 40360 | | | |
| | | | | | | | |

| CPA PROJECT INFORMATION (T | o be completed | by the CPA Action Officer) | | | | | |
|----------------------------|----------------|---|---------------|---|----------|-----------------------|---------|
| CPA PROJECT NUMBER: | | | | 120000000000 | | 0 | |
| CPA PROJECT TITLE: | | | A - Wind an | d B - Wing Bui | ldings | | |
| BID ITEMS | | | 4 | | | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 1.1 | Repair perimeter wait (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | D |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1.4 | Construct new perimeter well (steel) | | 524 | - | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | 1 meter high | LM | | | 0 |
| | 1.5 | Repair entry/exit gate | | Each | | | 0 |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Salty Port" | | Each | | - | 0 |
| | | Men "Sally Port" | | Each | | | 0 |
| | 1.7 | Install razor wire on existing fence or wall Prepare surface and paint existing | | UM | | | 0 |
| | 1.8 | gates or fences with 1 coat primer and 2 coats oil paint Prepare surface and paint existing | | SM | | | 0 |
| | 1.9 | perimiter well with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 |
| 2 - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 2.1 | Remove and dispose off sits all trash and debris | | SM | | | 0 |
| | 2.2 | Demolish unsafe structures and dispose of all debris | | LS | | | 0 |
| | | Grading and lieveling of ground (to include ramoving protruding objects | | | | | |
| | 2.3 | from ground) Repair esphalt pavements or | | SM | | | D |
| | 2.4 | walloways Replace asphalt pavements or | | SM | | | 0 |
| | 2.5 | wellkurays Repair concrete pevernents or | | SM | | | 0 |
| | 2.6 | walkways Replace concrete pervernents of | | SM | | | 0 |
| | 2.7 | Repair other type of pavements or | | SM | | | 0 |
| | 2.8 | walkways Other (Describe in the space below. Use Bid liem 10 if necessary) | | SM Indicate Unit of Measure Below | | | . 0 |
| | | Construct concrete entry steps | | Each | 8 | 150,00 | 0 |
| | | Construct concrete antry ramp | | Each | | 400.00 | 1200 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3.1 | Pressure wash and clean existing floors | | SM | | 1.00 | o |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | 2498 | 1.00 | 2495 |
| | 3.3 | Install new floor coverings | | SM | 2498 | 15.00 | 37440 |
| | - | Repair structurally damaged floor | | | | | 0 |

| | 3.5 | Install new reinforced concrete floor slab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|---|------|---|----------|-----------------------|----------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | + | Repair stairs | | SM | | 15.00 | 0 |
| | + - | Install stairway railing | | - LM | _ | 18.00 | |
| | - | the service of | | UNIT OF | | UNIT PRICE (\$) | TEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walks or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 cost primer/sealor and 2 costs letex (water based) paint Prepare wall or ceiling surface, apply | | SM | 5480 | 4.00 | 21840 |
| | 4.3 | 1 coat primer/sealer and 2 coats oil based paint | | SM | _ | | 0 |
| | 4.4 | Demolish unsound waits / callings and dispose of all debnis | | SM | | 2.00 | D |
| | 4.5 | Build new masonry with with monar/plaster finish | | SM | 64 | 40.00 | 2560 |
| | | Remove damaged ceramic tile wall | | | | | |
| | 4.6 | Other (Describe in the space below. Use Bid from 10 if necessary) | | SM Indicate Unit of Measure Below | | | 0 |
| | + | Ell la wall acceptor | | SM | | 40.00 | 0 |
| | | Fill in wall openings | | | | | 0 |
| | | Install suspended calling | | SM | | 10.00 | 0 |
| | | Remove suspended ceiling | | SM | | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | | Replace and seal damaged or | | | | | |
| | 5.2 | missing roof tiles | | SM | | 30.00 | 0 |
| | 5.3 | Repair parapet walls, faccie, or caves | _ | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5,6 | Install new roof drain | | Each | | | 0 |
| | | I - was now a second | | | | | h-i-mar |
| | 5.7 | Install new downspout Other (Describe in the space below, Use Bid Item 10 if recessary) | _ | Each Indicate Unit of Measure Below | 32 | 80.00 | 2560 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | | Install new wooden hollow-core door | | | | 30,00 | 0 |
| | 8.1 | (specify size) Install new wooden door frame | | Each | - | 30.00 | |
| | 8.2 | (specify size) | | Each | | - | .0 |
| | 6.3 | install new steel door (specify size) | | Each | 8 | 50.00 | 400 |
| | | Steel double door | | Each | | 160.00 | 0 |
| | | High security steel bers | | Each | 32 | 150.00 | 4800 |
| | 6.4 | install new steel door frame (specify size) | | Each | 40 | 35.00 | 1400 |
| | | Steel double door frame | | Each | | 100.00 | 0_ |
| | 6.5 | tretail new deadbolt lock and furnish 3 sets of keys | | Each | | 10,00 | 0 |
| | | Lock set for high security steel bars door | | Each | 40 | 25.00 | 1000 |
| | - | | | | | | |
| | | Paint existing door (1 cost primer + 2 coats oil paint) | | 5M | | | D |
| | 6.6 | | | 5M Each | | | 0 |

| | | Remove broken window gisss and replace with new glass in existing | | | | | |
|----------------------|---|--|-------------------|-----------------------------------|-------------|------------------------|----------------------|
| | 6.7 | frame Prepare rough opening in wait and | | SM | | - | 0 |
| | | install new window frame and glass | | | | | |
| | 8.8 | (specify size in bid) | - | Each | | 40.00 | 0 |
| | + | Frame only | | Each | 240 | 25.00 | 6000 |
| | 6.9 | Install steel security bars (burgler bars) on window | | Each | | 25.00 | 0 |
| | - | High security steel bars | | Each | 240 | 50.00 | 12000 |
| | 6.10 | Clean existing windows | - | SM | | | 0 |
| | 8.11 | Paint mosting window frames | | EA | | | 0 |
| | 6.12 | Other (Describe in the space below. Use Bid from 10 if necessary) | | Indicate Unit of Measure Below | | | |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$) US) | ITEM COST (\$ US) |
| | | Install new surface-mounted electrical | | | | | |
| | 7.1 | wring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | install new electrical outlet | | Each | 24 | 17.00 | 408 |
| | 7.3 | Install new wall switch | | Each | 48 | 18.00 | 864 |
| | 7.4 | Install new fourescent light focus | | Each | - | 40.00 | 0 |
| | 7.4 | Install new builtheed vandel proof | | | | | |
| | - | lights | | Each | 112 | 200.00 | 22400 |
| - | - | Install rightlights | - | Each | 112 | 17.00 | 1904 |
| | 7.5 | Install new ceiling fan | | Each | 72 | 40.00 | 2880 |
| | | Instal ceiling fan enclosures | | Each | 72 | 100.00 | 7200 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | В | 40.00 | 320 |
| | 7.8 | install new circuit breaker (specify type and capacity) | | Each | 24 | 10.00 | 240 |
| | | Install new circuit breater panel (apacity number of breakers and | | | | | |
| | 7.9 | capacity) | | Each | . 8 | 750.00 | 6000 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | 8 | 250.00 | 2000 |
| | 7.10 | Install new mains trensformer (specify | | Each | | 250.00 | 2000 |
| | 7.11 | type and capacity) | | Each | _ | - | 0 |
| | 7.12 | install new mains cabing (specify type and size) | | LM | | | 0 |
| | | Install new electrical generator with | | | | | - |
| | 7.13 | changeover awilch (specify make, model, and capacity) | | Each | | | 0 |
| | | Install new fuel tank for generator (with capacity to operate generator for | | | | | |
| | 7.14 | 72 hours continuously) | | Each | | | 0 |
| | 7.15 | install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | 1.10 | Install new exterior security lighting | - Suran | L.SCAT | | | - |
| | 7.16 | (specify type and size) Other (Describe in the space below. | on perimeter walk | Each Indicate Unit of | | | 0 |
| | | Use Bid Itam 10 if necessary) | | Measure Below | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| 210100 | 111111111111111111111111111111111111111 | Install new window air conditioning | | Mar John. | Monativit (| 1 | 1001 |
| | 8.1 | unit (specify number of walts/amps) | | Each | | 450.00 | 0 |
| | 8.2 | Install new split air conditioning unit (specify number of tons) | | Each | | | 0 |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | D |
| | | | | | | | |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |

| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|--|------|---|----------|-----------------------|------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | |
| | 9.1 | Install new Eastern style tolici | - | Each | 32 | 80.00 | 2560 |
| | 9.2 | Instal new Weslem style tollet | | Each | | | _ 0_ |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | 10.00 | 0 |
| | | Install new sanitary drain pipes | | | | | |
| | 9.4 | (specify diameter and type) | | LM | 192 | 12.00 | 2304 |
| | 9.5 | Clean and repair eviating septic tanks (to include new locking hatch covers) Install new septic tank (to include | | Each | | | 0 |
| | 9.6 | locking halch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 9.7 | Install new porcelain sink with shut-off valves | | Each | 32 | 150.00 | 4800 |
| | 8.1 | | | - | | (35)35 | |
| | 9.8 | Install new water piping (apecify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 6 | 50.00 | 400 |
| | 9.10 | Install backflow prevention valve | | Ench | 6 | 90.00 | 720 |
| | | | | | | | |
| | 9.11 | Install new plastic water tanks Other (Describe in the space below Use Bid Item 10 if necessary) | | Each Indicate Unit of Measure Below | | 375.00 | 3000 |
| | | Install shower unit | | Ench | | 150.00 | 0 |
| | | | | | | | 0 |
| | | Water pump | | Each | В | 145,00 | 1160 |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | |
| | 10.1 | Provide armed security personnel 24 hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace (atchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | | | - | 1 | | | |
| | 10.5 | | | 1 | - | | 0 |
| | 10.6 | | | - | | | 0 |
| | 10.7 | | | - | | + | 0 |
| | 10.8 | | | - | | - | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | + | |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | - | | - | 0 |
| - | 10.14 | - | - | 1 | - | - | 0 |
| | 19.13 | | | | | | |
| estimated BID PRICE: | | | | 152856 | | | |

| | o be completed | by the CPA Action Officer) | - | | | | |
|----------------------|----------------|---|---------------|-----------------------------------|----------|-----------------------|----------|
| CPA PROJECT NUMBER: | | | | | _ | | |
| CPA PROJECT TITLE: | | | C - Wing Bu | ildings | | | |
| BID ITEMS | | | | | | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (S US) |
| | 1.1 | Repair perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | 6M | | | 0 |
| | | Install steel dig plates | 1 meter high | LM | | | a |
| | 1,5 | Repair entry/exit gate | | Each | | | _ 0 |
| | 1.6 | Install new entry/exit gute | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | | | 0 |
| | | Man "Sally Port" | | Each | | | 0_ |
| | 1,7 | Install report wire on existing fence or wall. | | LM | | | 0 |
| | 1.8 | Prepare surface and paint existing gates or fences with 1 coat primer and 2 coats oil paint | | SM | | | 0 |
| | 1,9 | Prepare surface and paint existing perimter wall with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| - | | Complete structural concrete guard tower with steet roofing | | Each | | 3510.00 | 0 |
| | | | | UNIT OF | | UNIT PRICE (\$ | ITEM COS |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 2.1 | Remove and dispose off site all trash and debris | | SM | | | 0 |
| | 2.2 | Demolish unsafe structures and dispose of all debris | | LS | | | 0 |
| | 2.3 | Grading and leveling of ground (to include removing protruding objects from ground) | | SM | | | 0 |
| | 2.3 | Repair asphalt pavements or | | ON | | - | |
| | 2.4 | Replace auchait pavements or | | SM | | - | 0 |
| | 2.5 | walkoways | | SM | | | 0 |
| | 2.6 | Repair concrete pavements or walloways | | SM | | | _ 0 |
| | 2.7 | Replace concrete pavements or walloways | | SM | | | 0 |
| | 2.8 | Repair other type of pavements or walkways | 1 | SM | | | 0 |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Construct concrete entry sleps | | Each | | 150.00 | o |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| -FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| - LUUR alaicma | ITEM | Preseure wesh and clean existing | SWE | MEADURE | WUNNETT | US) | (4 00) |
| | 3.1 | floors | | SM | | 1,00 | 0 |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | 998 | 1.00 | 996 |
| | 3.3 | install new floor coverings | | SM | 996 | 15.00 | 14940 |
| | | Repair structurally damaged floor | | | | | |

| | 3.5 | Install new reinforced concrete floor siab (specify thickness in bid) | | SM | _ | | 0 |
|--------------------------|------|--|------|---|----------|-----------------------|----------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | + | Repair stains | | SM | | 15.00 | 0 |
| | + | Install stairway railing | | LM | | 18.00 | |
| | - | | | UNITOF | | UNIT PRICE (\$ | 0 ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or cellings and repair with montar and/or gypeum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | 3100 | 4.00 | 12400 |
| | 4.3 | Prepare wall or calling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| | 4.0 | Demotish unsound waits / ceilings and | | | | | |
| | 4,4 | dispose of all debris | | SM | | 2.00 | 0 |
| | 4.5 | Build new mesonry wall with morter/plaster finish | | SM | 300 | 40.00 | 1200 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Messure Below | | | |
| | - | Fill in wall openings | | SM | _ | 40.00 | 0 |
| | + | Install suspended ceiling | - | SM | - | 10.00 | 0 |
| | + | Remove suspended celling | | SM | - | 2.00 | 0 |
| | - | | | UNITOF | | UNIT PRICE (\$ | O TEM COST |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 5.2 | Replace and seal damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | 5.3 | Repair parapet walls, feeds, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Instalk new roof drain | | Each | | | o |
| | | | | - | | 00.00 | 790 |
| | 5.7 | Install new downepout Other (Describe in the space below. Use Bid from 10 if recessory) | | Each Indicate Unit of Measure Below | 9 | 80.00 | 720 |
| | | | | | | | 0 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 6.1 | Install new wooden hollow-core door (specify size) | | Each | | 30.00 | 0 |
| | 8.2 | Install new wooden door frame (specify size) | | Earch | | | 0 |
| | | | | | | | |
| | 6.3 | Install new steel door (specify size) Steel double door | | Each Each | | 180,00 | 0 |
| | | High security steel bars | | Each | 21 | 150,00 | 3150 |
| - | 6.4 | Install new steel door frame (specify size) | | Each | 21 | 35,00 | 735 |
| | J.4 | Steel double door frame | | | | | 0 |
| | | Install new deadbolt lock and Armith 3 | | Each | | 100.00 | . , |
| | 6.5 | sets of keys Lock set for high security steel bare | | Each | | 10.00 | 0 |
| | + | duor | | Each | 21 | 25.00 | 525 |
| | | Paint existing door (1 coat primer + 2 coets oil paint) | | SM | | | 0 |
| | 6.6 | install other type of door (specify size | | Free | | | 0 |
| | 0.0 | and type in bid) | | Each | ~~~ | | |

| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SMI | | | 0 |
|----------------------|------|---|-------------------|-----------------------------------|----------|-----------------------|-----------|
| | | Prepare rough opening in wall and install new window frame and glass | | Fr. + | | 40.00 | 0 |
| | 6.8 | (apecify size in bid) | - | Each | | 40.00 | |
| | - | Frame only | | Each | 45 | 25.00 | 1125 |
| | 6.9 | Install steel security bers (burgier bars) on window | | Each | | 25.00 | 0 |
| | 1 | High security steel bans | | Each | 45 | 50.00 | 2250 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 6.11 | Paint existing window frames | | EA | | | 0 |
| | 6.12 | Other (Describe in the space below. Use Bild Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | - | | UNITOF | | UNIT PRICE (\$ | TIEM COST |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | Install new surface-mounted electrical viring (specify wire type & diameter) | | LM | | | o |
| | 7.2 | Install new electrical outlet | | Each | 9 | 17.00 | 153 |
| | 7.3 | Install new wall switch | | | | 18.00 | 648 |
| | | | - | Each | 36 | | |
| | 7.4 | Install new fourescent light fedure | - | Each | | 40.00 | _ 0 |
| | | Install new buildheed vandal proof lights | | Each | 54 | 200.00 | 10800 |
| | | inetall rightlights | | Each | 54 | 17.00 | 918 |
| | 7.5 | Install new ceiling fan | | Each | 36 | 40.00 | 1440 |
| | | Install calling fan enclosure | | Each | 36 | 100.00 | 3600 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | | Install new telephone jack | | Each | 3 | 40.00 | 120 |
| | 7.7 | Install new circuit breaker (specify | | caun | | | 120 |
| | 7.8 | type and capacity) Install new circuit breaker panel | | Each | 18 | 10.00 | 180 |
| | 7.9 | (apecify number of breakers and capacity) | | Each | 3 | 750.00 | 2250 |
| | 7.40 | Install new isolation evitch (specify | | F | | 250.00 | 750 |
| | 7.10 | type and capacity) Install new mains transformer (specify | _ | Each | 3 | 250.00 | |
| | 7.11 | type and capacity) | - | Each | | + | _ 0 |
| | 7.12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | 7.13 | Install new electrical generator with changeover switch (specify make, model, and capacity) | | Each | | | 0 |
| | | Install new fuel tank for generator (with capacity to operate generator for | | | | | |
| | 7.14 | 72 hours continuously) Install new exterior security lighting | | Each | | - | 0 |
| | 7.15 | (apacity type and size) | on buildings | Each | | | 0 |
| | | Install new exterior security lighting (specify type and size) | on parimeter wall | Each | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | indicate Unit of Measure Balow | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRIČE (\$ US) | TEM COST |
| | | Install new window air conditioning | | | | | |
| | 8.1 | unit (specify number of wetts/amps) install new split air conditioning unit | | Each | | 450.00 | 0 |
| | 8.2 | (specify number of tons) | | Each | | | _ 0 |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.4 | install new air supply ductwork | | LM | | | 0 |
| | | | | | | | |

| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|--|------|-----------------------------------|----------|-----------------------|-----------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SUE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 9.1 | Install new Eastern style toler | | Each | 18 | 80,00 | 1440 |
| | 9.2 | Install new Western style tollet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | 10.00 | 0 |
| | | Install new samilary drain pipes | | 1 | | 10.00 | |
| | 9.4 | (specify diameter and type) | | LM | 108 | 12,00 | 1296 |
| | 9.5 | Clean and repair existing staptic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new amptic tank (to include locking hatch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and munitoles | | Each | | | |
| | | Install new porcelain sink with shut-off | | | | | -70- |
| | 9.7 | verves | | Each | 18 | 150.00 | 2700 |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | | | | | | 1 | 1114 |
| | 9.11 | Install new plastic water tanks Other (Describs in the space below. | | Each Indicate Unit of | 3 | 375 00 | 1125 |
| | | Lise Bid Nem 10 if necessary) | | Measure Relow | | | 0 |
| | | Install shower unit | | Each | | 150.00 | 0 |
| | | Water pump | | Each | 3 | 145,00 | 435 |
| | | 1 | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| 0 - OTHER BID ITEMS | ITEM | Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10,6 | | | | | | 0 |
| | 10.7 | | | | | | D |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| - | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | - | - | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0_ |
| | 10.15 | | | | | | 0 |
| stimated BID PRICE: | | | | 66036 | | | |
| | 1 | | | 20020 | | | |

| CPA PROJECT INFORMATION (T | o be complete | d by the CPA Action Officer) | - | | | | |
|----------------------------|---------------|--|---------------|---|-------------|-----------------------|---------|
| CPA PROJECT NUMBER: | | | - | | | | |
| CPA PROJECT TITLE: | | | Bathrooms | for A - Wing, B | - Wing, and | C - Wing Buil | dings |
| BID ITEMS | | | | | | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 1.1 | Repair perimeter well (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| , | 13 | Repair perimeter fence (steel) | | SM | | | 0 |
| | 1.4 | Construct new perimeter wall (steet) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | - (| Install sleel dig plates | 1 meter high | LM | | | |
| | 1.5 | Repair entry/ext gate | | Each | | | 0 |
| | 1,6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | | - | 0 |
| | | Men "Sally Port" | | Each | | | _ 0 |
| | t.7 | Install razor wire on existing fence or wall Prepare surface and paint existing | | LM | | - | 0 |
| | 1.8 | gates or fences with 1 cost primer and 2 costs of paint Prepare surface and paint existing | | SM | | | 0 |
| | 1.9 | perimter wall with 2 costs water based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | indicate Unit of Measure Below | | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510,00 | 0 |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 2.1 | Remove and dispose off site all trash and debrts | | SM | | | 0 |
| | 2.2 | Demolish unuses structures and dispose of all debris | | LS | | | 0 |
| | | Grading and leveling of ground (to include removing protruding objects | | | | | |
| | 2.3 | from ground) Repair asphalt pewements or | | SM | | - | 0 |
| | 2.4 | walkways Reptace asphall pavements or | - | SM | | | _ 0 |
| | 2.5 | welkways Repair concrete pavements or | - | SM | | - | 0_ |
| | 2.6 | walloways Reptace concrete pevernents or | | SM | | 8 | - 0 |
| | 2.7 | Repair other type of pavements or | | SM | | | 0 |
| | 2.8 | walloways Other (Describe in the space below. Use Bid Item 10 if necessary) | | SM Indicate Unit of Measure Below | | | |
| | | Construct concrete entry steps | | Each | 5 | 150.00 | 750 |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3.1 | Pressure wash and clean existing floors | | SM | | 1.00 | 0 |
| | 3.2 | Remove and dispose demaged floor coverings | | SM | 315 | 1.00 | 315 |
| | 3.3 | Install new floor coverings | | SM | 315 | 15.00 | 4725 |
| | 3.4 | Repair structurally damaged floor states | | SM | | 15.00 | 0 |

| | 3.5 | Install new reinforced concrete floor plab (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------------|---|------|---|----------|-----------------------|-------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | Repair stairs | | SM | | 15.00 | 0 |
| | | | | | | | 0 |
| | (E | Install stairway rading | | LM | | 18.00 | 0 |
| MALL B CENTER BY BY BY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| - WALL & CEILING SYSTEMS | LIFM | DESCRIPTION Remove damaged plaster from wells | SIZE | MEASURE | QUANTITY | (5) | (\$ 05) |
| | 4.1 | or ceilings and repair with mortar and/or gypsum planter as required | | SM | | | 0 |
| | 4.2 | Prepare well or ceiling surface, apply 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | 970 | 4.00 | 3880 |
| | 4.3 | Prepare well or ceiling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| - | 7.0 | Demolish unsound walls / cellings and | | - | | 1 | |
| | 4.4 | dispose of all debrts | | SM | | 2.00 | 0 |
| | 4.5 | Build new marrorry well with mortar/plaster finish | | SM | 170 | 40.00 | 6600 |
| | 46 | Remove demaged ceramic tile well covering and install new tiles | | SM | | | 0 |
| | 47 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | + | Fill in wall openings | - | SM | | 40.00 | 0 |
| | - | Install suspended ceiling | | SM | | 10.00 | 0 |
| | | | | | | 197.3 | 0 |
| | | Remove suspended cailing | | SM | | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SW | | | 0 |
| | | Replace and seal damaged or | | | | | |
| | 5.2 | missing roof tiles | | SM | | 30,00 | 0 |
| | 5.3 | Repair parapet walls, fascia, or saves | | SM | | - | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | | | | | | | |
| | 5.7 5.8 | Install new downspout Other (Describe in the apace below. Use Bid Item 10 if necessary) | | Each Indicate Unit of Measure Below | 10 | 80.00 | 800 |
| | - | | | I I I I I I I I I I I I I I I I I I I | | UNIT PRICE (\$ | O ITEM COST |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | | Install new wooden hollow-core door | | | | | |
| | 6,1 | (specify size) | | Each | | 30.00 | 0 |
| | 6.2 | Install new wooden door frame (specify size) | | Each | | | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | | 50.00 | 0 |
| | | Steel double door | | Each | | 160.00 | 0 |
| | | High security steel bars | | Each | | 150.00 | 0 |
| | 6.4 | Install new steel door frame (specify size) | | Each | 50 | 35.00 | 1750 |
| | 0.9 | | | | | | |
| | - | Steel double door frame | | Each | | 100.00 | 0 |
| | 6.5 | Install new deargraft lock and furnish 3 axis of keys | | Each | | 10.00 | 0 |
| | | Lock set for high security steel bars door | | Each | | 25.00 | 0 |
| | | Paint existing door (1 cost primer + 2 costs oil paint) | | SM | | | 0 |
| | 6.6 | install other type of door (specify size and type in bid) | | Each | | | 0 |
| | 2.0 | 1 | | | - | | |
| And the second second | | Bathroom stall door | | Each | 50 | 20.00 | 1000 |

| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
|----------------------|--------------|---|-------------------|---|-------------|-----------------------|----------------------|
| | | Prepare rough opening in well and install new window framo and glass | | | | 40.00 | 0 |
| | 6.8 | (specify size in bld) | | Each | | 40 00 | 0 |
| | | Frame only | | Each | 42 | 25.00 | - |
| | 6.9 | Install steel security bars (burglar bars) on window | | Each | | 25,00 | 0 |
| | 1 | High security steel bars | | Each | 42 | 50.00 | 2100 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | | | | | | | |
| | 6.11 6.12 | Paint existing window frames Other (Describe in the space below. Use Bid Hern 10 if necessary) | | EA Indicate Unit of Measure Below | | | 0 |
| - ELECTRICAL SYSTEMS | ETEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| | | | | | | | |
| | 7.1 | install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | | 17.00 | 0 |
| | 7.3 | Install new wall ewitch | | Each | 5 | 18.00 | 90 |
| | 7.4 | install new flourescent light future | | Each | | 40.00 | 0 |
| | 1.8 | Install new bulkhead vandal proof | | | | | |
| | - | lights | | Each | 30 | 200,00 | 6000 |
| | - | Install nightlights | | Each | 30 | 17.00 | 510 |
| | 7.5 | Install new ceiling fan | | Each | | 40.00 | 0 |
| | | Install ceiling fan enclosure | | Each | | 100.00 | 0 |
| | | Install new telephone cable (single | | | | | 6 |
| | 7.6 | peir) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | | 40.00 | 0 |
| | 7.8 | Install new circuit breaker (specify type and capacity) Install new circuit breaker panel | | Each | 10 | 10.00 | 100 |
| | 7.9 | (specify number of breakers and capacity) | | Each | 5 | 750.00 | 3750 |
| | 1 | Install new isolation switch (specify | | | - | 10.0 | 0,00 |
| | 7.10 | type and capacity) | | Each | | 250.00 | 0 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | | Install new mains cabling (specify type | | | | | |
| | 7.12 | and size) Install new electrical generator with | | LM | | | 0 |
| | 7.13 | changeover switch (specify mules, model, and capacity) | | Each | | | 0 |
| | | Install new fuel tank for generator (with capacity to operate generator for | | | | | |
| | 7.14 | 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Instalt new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | 1 | Install new exterior security lighting (specify type and size) | on perimeter wall | Each | | | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Hern 10 if necessary) | - positional med | Indicate Unit of Measure Below | | | - |
| | | One par nem to it recessary) | | MENTAL OF THE | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| - MEN WHITE DIDIEMS | 1158 | Install new window air conditioning | | TO SOME | - designing | | 1,500/ |
| | 8.1 | unit (specify number of watts/amps) Instail new solt air conditioning unit | | Each | | 450.00 | _ 0 |
| | 8.2 | (epecify number of tons) | | Each | | | 0 |
| | 8.3 | Install new exhaust fan and duckwork | | LM | | | 0 |
| | 8.4 | Inetall new air supply ductwork | | LM | | | 0 |
| | | | | | | | |

| | B.6 | Other (Describe in the space below. Use Bild Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|---|------|-----------------------------------|----------|-----------------------|----------------------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 9.1 | Install new Eastern style toilet | | Each | 20 | 60.00 | 1600 |
| | 9.2 | Install new Western style tollet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 60 | 10.00 | 600 |
| | 9.4 | Install new sanitary drain pipes (specify diameter and type) | | LM | | 12.00 | 0 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 9.7 | Install new porcelain eink with shut-off | | Each | ** | 150.00 | 1500 |
| - | 9.7 | valves | | Each | 10 | 130.00 | 1300 |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Each | 5 | 50.00 | 250 |
| | 9.10 | Install beckflow prevention valve | | Each | 5 | 90.00 | 450 |
| | 9.11 | Install new plastic water tanks | | Each | 5 | 375.00 | 1875 |
| | 9.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 310.00 | |
| | | Instatt shower unit | | Each | 30 | 150,00 | 0 |
| | | Water pump | | Each | | 145.00 | 4500 |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| O-OTHER BIOTIENS | Trum. | Provide armed security personnel 24 | 342 | MEASURE | GOMMIN | 08) | (* 03) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | 1 | | | 0 |
| | 10.8 | | | | | | 0 |
| | 10.9 | | | | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | | | | 0 |
| | 10.12 | | | | | - | D |
| | 10.13 | | | | 1-1-1 | | 0 |
| | 10.14 | | | | | - | 0 |
| | 10.15 | | | | | 1 | 0 |
| Estimated BID PRICE: | | | | 43345 | | | |

| CPA PROJECT INFORMATION (T | o ne compare | by the CFA ACOUNT CHRAIT | - | | | | |
|----------------------------|--------------|---|---------------|-----------------------------------|----------|-----------------------|-----------|
| CPA PROJECT NUMBER: | | | Famuel 11 | dian Profession | | | |
| CPA PROJECT TITLE: | | | Female Hol | ding Building | | | |
| BID ITEMS | - | | - | UNITOF | | UNIT PRICE | ITEM COST |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$US) | (\$ US) |
| | 1.1 | Repair perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | 1.2 | (concrete or brick construction) | | SM | | | 0 |
| | _ | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1,3 | Repair perimeter fence (steel) | | SM | | | 0 |
| _ | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new sleet chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | 1 meter high | LM | | | 0 |
| | 1.5 | Repair entry/exit gate | | Each | | | 0_ |
| | 1.6 | Install new entrylexit gate | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | | | _0 |
| | | Men "Sally Port" | | Each | | | 0 |
| | 1.7 | Install razor wire on existing fence or wall | | LM | | | 0 |
| | 1.8 | Prepare surface and paint existing gates or fences with 1 cost primer and 2 coats oil pains | | SM | | | 0 |
| | 1,9 | Prepare surface and paint existing perimter walf with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1,10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 |
| - SITEWORK | men | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | ITEM COS |
| - SILENORIA | 2.1 | Remove and dispose off site all trash and debris | SUL | | QUANTIT | US) | (\$ US) |
| | | Demojish unsafe structures and | | SM | | | 0_ |
| | 2.2 | dispose of all debris Grading and leveling of ground (to include removing protruding objects | | LS | | 1 | 0 |
| | 2.3 | from ground) Repair asphalt pavements or | | SM | | - | 0 |
| | 2.4 | walkways | | SM | | | 0 |
| | 2.5 | Replace aspiralt pavements or walloways | | SM | | - | 0 |
| | 2.6 | Repair concrete pavements or walkways | | SM | | | 0 |
| | 2.7 | Replace concrete pavements or wellowsys | | SM | | | 0 |
| | 2.8 | Repair other type of pavements or walloways | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below: Use Bid Item 10 if necessary) | | Indicate Unit of Messure Below | | | 0 |
| | | Construct cuncrete entry steps | | Each | 1 | 150.00 | 150 |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3,1 | Pressure wash and clean existing floors | | SM | | 1.00 | 0 |
| | 3.2 | Ramove and dispose demaged floor coverings | | SM | 124 | 1.00 | 124 |
| | 3.3 | Install new floor coverings | | SM | 124 | 15.00 | 1880 |
| | 3.4 | Repair structurally damaged floor slabs | | SM | | 15.00 | 0 |

| | 3,5 | Install new reinforced concrete floor stab (specify thickness in bid) | | SM | | | _ | 0 |
|-------------------------|------|--|-------|---|----------|-------------------|-----|----------------------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | | 0 |
| | - | Repair stairs | | SM | | 15.00 | + | 0 |
| | + | Install stainway railing | | LM | | 18.00 | -+ | 0 |
| | 1 | | | UNIT OF | | UNIT PRICE | (\$ | ITEM COST |
| -WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | - | (\$ US) |
| | 4.1 | Remove damaged plaster from walls or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | | 00 |
| | 4.2 | Prepare well or ceiling surface, apply 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | 502 | 4.00 | | 2008 |
| | 4.3 | Prepare well or ceiling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | | 0_ |
| | | Demotish unaound waits / callings and | | | | 2.22 | | 0 |
| | 4.4 | dispose of all debris Build new masonry wall with | - | SM | | 2.00 | - | U |
| | 4.5 | mortan/plaster finish Remove damaged ceramic tile wall | | SM | 30 | 40.00 | + | 1200 |
| | 4.8 | covering and install new tiles | | SM | | | - | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 1 | • |
| | | Filt in wall openings | | SM | | 40.00 | + | |
| | + | install suspended ceiling | - | SM | | 10.00 | 1 | 0 |
| | + | Remove suspended celling | | SM | | 2.00 | - | 0 |
| - ROOF SYSTEMS | пем | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE | (\$ | ITEM COST (\$ US) |
| -noor statems | 5.1 | Reseal joints around roof tiles | Date | SM | | | | 0 |
| | 5.2 | Repince and east demaged or making roof tiles | | SM | | 30.00 | | 0 |
| | 5.3 | Repair parapet walls, fescia, or eaves | | SM | | | | 0 |
| | 5.4 | Install new steel roof penels | | SM | | 10,00 | | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | | 0 |
| | | | | | | | | |
| | 5.7 | Install new downspout Other (Describe in the space below. Use Bid flern 10 if necessary) | | Each Indicate Unit of Measure Below | | 80.00 | | 320 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE US) | (\$ | (\$ US) |
| | | Install new wooden hollow-core door | | Each | | 30.00 | | o |
| | 6.1 | (specify size) Instell new wooden door frame | | | | 30,00 | | 0 |
| | 6.2 | (specify stre) | | Each | | | | |
| | 8.3 | Install new steel door (specify size) | | Each | | 50.00 | + | 0 |
| | - | Steel double door | a = - | Eech | | 160,00 | + | 0 |
| | - | High security steel bers Install new steel door frame (specify | | Each | 12 | 150.00 | 1 | 750 420 |
| | 6.4 | size) | - | Each | 12 | | 1 | |
| | - | Steel double door frame Install new deadboll took and furnish 3 | - | Each | | 100,00 | - | 0 |
| | 8.5 | sets of keys | | Each | | 10.00 | | 0_ |
| | | Lock set for high security atset bare door | | Each | 5 | 25.00 | | 125 |
| | | Paint existing door (1 cost primer + 2 costs oil paint) | | SM | | | | 0 |
| | | Instell other type of door (specify size | | | | | | |
| | 6.8 | and type in bid) | | Each | | | | 0 |

| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
|----------------------|------|---|-------------------|-----------------------------------|----------|-----------------------|-----------|
| | 5.8 | Prepare rough opening in wall and install new window freme and glass (specify size in bid) | | Each | | 40.00 | o |
| | | Frame only | | Each | 23 | 25.00 | 575 |
| | 6.9 | install steel security bars (burgler bars) on window | | Each | | 25.00 | 0 |
| | | High security steel bars | | Each | 23 | 50.00 | 1150 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 1 | Out a sisting sinday frames | | EA | | | 0 |
| | 6.11 | Paint existing window frames Other (Describe in the space below. Use Sid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST |
| | | Install new surface-mounted electrical | | | | | |
| | 7.1 | wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | install new electrical outlet | | Each | 3 | 17.00 | 51 |
| | 7.3 | Install new well switch | | Each | 10 | 18.00 | 180 |
| | 7.4 | Install new flourescent light facure | | Each | | 40.00 | o |
| | | install new buildhead vandal proof | | | | | |
| | | lights | | Each | 10 | 200.00 | 2000 |
| _ | - | install nightlights | - | Each | 10 | 17.00 | 170 |
| | 7.5 | Install new calling fan | | Each | 6 | 40.00 | 320 |
| | | Install ceiling fan enclosures | | Each | 8 | 100.00 | 800 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | | | | | | | |
| - | 7.7 | Install new telephone jack Install new circuit breaker (specify | | Each | 1 | 40.00 | 40 |
| | 7.8 | type and capacity) Install new circuit breaker panel | - | Each | 4 | 10.00 | 40 |
| | 7.9 | (specify number of breakers and | | 5-4 | | 750.00 | 750 |
| | 7.9 | capacity) Install new leolation switch (specify | | Each | 1 | 750.00 | 730 |
| | 7.10 | type and capacity) | | Each | 1 | 250.00 | 250 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Lach | | | 0 |
| | 7.12 | Install new melns cabling (specify type and size) | | LM | | | 0 |
| | 7.13 | Install new electrical generator with changeover switch (apacity make, model, and capacity) | | Each | | | 0 |
| | 1.00 | Install new fuel tank for generator (with capacity to operate generator for | | | | | |
| | 7.14 | 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | | | 0 |
| | | Install new exterior security lighting (specify type and alze) | on perimeter wall | Each | | | 0 |
| | 7,16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 8.1 | install new window air conditioning unit (specify number of waits/amps) | | Earth | | 450.00 | 0 |
| | 8.2 | Install new split air conditioning unit (specify number of tons) | | Each | | | 0 |
| - | | | | | | | |
| | 6,3 | install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.4 | install new air supply ductwork | | LM | | - | 0 |
| | 6.5 | Install new air exhaust ductwork | | LM | | | 0 |

| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | • |
|----------------------------|-------|---|-------|-----------------------------------|----------|-----------------------|----------------------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| | 9.1 | Install new Eastern style toilet | | Each | 9 | 60.00 | 720 |
| | 9.2 | Install new Western style tollet | | Each | | | ō |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 4 | 10.00 | 40 |
| | 9.4 | Install new sanitary drain pipes (specify diameter and type) | | LM | 80 | 12.00 | 720 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | (1- | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Earth | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | 9.7 | Install new porcelain aink with shut-off valves | | Each | 10 | 150.00 | 1500 |
| | | (nstall new water piping (specify size | | | | | |
| | 9.8 | and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shul-off velve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | 9.11 | Install new plastic water tanks | | Each | 1 | 375.00 | 375 |
| | 9.12 | Other (Describe in the space below. Use Bid item 10 if necessary) | | Indicate Unit of Measure Below | | 573.00 | |
| | - | Install shower unit | - • | Each | 4 | 150.00 | 0 |
| | | Water pump | | Each | 1 | 145.00 | 600 |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | erer. | UNITOF | OHANTTY | UNIT PRICE (\$ | TEM COST |
| O - OTHER BID ITEMS | IIIEM | Provide armed accurity personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | 4 | | | 0 |
| | 10.5 | | | | | | 0 |
| | 10.6 | | | | | | 0 |
| | 10.7 | | | | | | 0 |
| | 10.8 | - | - | 1 | _ | | 0 |
| | 10.9 | | | - | | | 0 |
| | | | | | | 1 | |
| | 10.10 | | | | | | 0 |
| | 10.12 | | | 1 | | 1 | D |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | | | | 0 |
| | | | | | | | |
| stimuted BID PRICE: | | | | 17663 | | | |

| CPA PROJECT NUMBER: | | | 1 | | | | |
|----------------------|------|--|---------------|-----------------------------------|----------|--------------------|----------|
| CPA PROJECT TITLE: | - | | Juvenile Ho | lding Building | | | |
| BID ITEMS | - | | Davenne III | numing Dunuming | | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE | (\$ US) |
| - PERMETER OCCORNIT | 1.1 | Repair perimeter wall (concrete or brick construction) | 522 | SM | quality | 1000 | 0 |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 |
| | | Construct Precast concrete perimeter wall | | SM | | | 0 |
| | 1.3 | Repair perimeter fence (steel) | | SM | | 1 | 0 |
| | 1.4 | Construct new permeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 |
| | | Install steel dig plates | 1 meter high | LM | | | 0 |
| | 1.5 | Repair entry/exit gate | | Each | | | 0 |
| | 1.6 | install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Selly Port" | | Each | | | 0 |
| | . | Man "Sally Port" | | Each | | | 0 |
| | 1.7 | Install razor wire on existing fence or wall Prepare surface and paint existing | | LM | | | 0 |
| | 1.8 | gates or fences with 1 cost primer and 2 costs of pain! Prepare surface and paint existing | | SAA | | | 0 |
| | 19 | perimter wall with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1,10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Massure Below | | | |
| | | Complete structural concrete guard tower with stast rooting | | Each | | 3510.00 | 0 |
| | | 1 | | UNIT OF | | UNIT PRICE (\$ | ITEM COS |
| - SITEWORK | ITEM | DESCRIPTION Remove and dispose of site all trash | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 2.1 | and debris Demolish unselfe etructures and | - | SM | | | 0 |
| | 22 | dispose of all debris Grading and leveling of ground (to | | LS | | - | 0 |
| | 2.3 | Include removing protruding objects from ground) | | SM | | | 0 |
| | 2.4 | Repair asphall pervernents or walkways | | SM | | | 0 |
| | 2.5 | Reptace asphall pavements or walkways | | SM | _ | | 0 |
| | 26 | Repair concrete pavements or walloways | | SM | | | 0 |
| | 2.7 | Replace concrete pavements or walkways | | SM | | | 0 |
| | 2.6 | Repair other type of pavements or walkways | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Construct concrete entry steps | | Earch | 2 | 150.00 | 300 |
| | | Construct concrete entry remp | | Each | | 400.00 | . 0 |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 3,1 | Pressure wash and clean existing floors | | SM | | 1.00 | 0 |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | 194 | 1.00 | 194 |
| | 3.3 | Install new floor coverings | _ | SM | 194 | 15.00 | 2910 |
| | 3.4 | Repair structurally damaged floor stabs | 1 | SM | | 15.00 | 0 |

| | | | | SAM DISTRIBUTION | | | |
|--------------------------|------------|---|------|---|----------|----------------|---------------------|
| | 3.5 | Install new reinforced concrete floor slab (specify thickness in bid) Other (Describe in the space below. | | SM Indicate Unit of | | | 0 |
| | 3.0 | Use Bid flem 10 if necessary) | | Measure Below | | | 0 |
| | | Repair stairs | - | SM | | 15.00 | 0 |
| | | Install stainway railing | | LM | | 18.00 | 0 |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - WALL & CEILING SYSTEMS | ПЕМ | DESCRIPTION Remove damaged plaster from walls | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | remove ourneged passes from was on order and/or gypeum plaster as required Prepare wall or ceiling surface, apply | | SM | | | _ 0 |
| _ | 4.2 | 1 coal primer/seeler and 2 coats latex (water based) paint | | SM | 720 | 4.00 | 2880 |
| | 4.3 | Prepare wall or celling surface, apply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | D |
| | | Demotish unaound wells / ceilings and | | | | | |
| | 4.4 | dispose of all debris Build new massonry wall with | | SM | 5 | 2,00 | 10 |
| | 4.5 | morter/pleaser finish | | SM | 14 | 40.00 | 580 |
| | 4.6 | Remove damaged ceramic tile well covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Fill in wall openings | - | SM | | 40.00 | 0 |
| | | Install suspended ceiling | | SM | | 10.00 | 0 |
| | | Remove suspended ceiling | | SM | Þ. | 2.00 | 0 |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | TEM COST (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | | o |
| | 5.2 | Replace and seat damaged or missing roof tiles | | SM | | 30.00 | 0 |
| | | | | | | 50.00 | |
| | 5.3 | Repair parapet walls, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0_ |
| | 5.7 5.8 | Install new downspout Other (Describe in the spece below. Use Bid Item 10 if necessary) | | Each indicate Unit of Messure Below | 4_ | 80.00 | 320 |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | ITEM COST |
| | | Install new wooden hollow-core door | | | | | |
| | 6.1 | (specify size) | | Each | | 30.00 | 0 |
| | 6.2 | (specify size) | | Each | 3 | | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | | 50.00 | 0_ |
| | 1 | Steel double door | | Each | | 150.00 | 0 |
| | | High security steel bars | | Each | 8 | 150.00 | 1200 |
| | 6.4 | Install new steel door frame (specify size) | | Each | 11 | 35.00 | 385 |
| | | Steel double door frame | | Each | | 100,00 | 0 |
| | 6.5 | Install new deadbot lock and furnish 3 arts of keys | | Each | 8 | 10.00 | 80 |
| | | Lock set for high security steel bars door | _ | | | | |
| | | Paint existing door (1 coat primer + 2 | | Each | | 25.00 | 0 |
| | - | coats oil paint) Install other type of door (specify size | - | SM | | | 0 |
| | 5.6 | and type in bid) | | Each | | | _ 0 _ |
| | | Bathroom stell door | | Each | | 20.00 | 0 |

| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
|----------------------|--------------|--|-------------------|---|----------|----------------|---------|
| | 6.8 | Prepare rough opening in wall and install new window frame and glass (specify size in bid) | | Each | | 40.00 | 0 |
| | | Frame only | | Each | 18 | 25.00 | 450 |
| | 6.9 | Install steel security bers (burglar bars) on window | | Each | | 25.00 | 0 |
| | | High security steel bars | | Each | 16 | 50.00 | 900 |
| | 6.10 | Clean sociating windows | | SM | | | 0 |
| | | Paint overline window frames | | EA | | | 0 |
| | 6.11 6.12 | Paint existing window frames Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | - | | | UNITOF | _ | UNIT PRICE (\$ | TEM COS |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | Install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet | | Each | 3 | 17.00 | 51 |
| | 7.3 | Install new wall switch | | Each | 19 | 18,00 | 342 |
| | 7.4 | Install new flourescent light focure | | Each | | 40.00 | o |
| | | Install new buildhead vandel proof lights | | Each | 10 | 200.00 | 2000 |
| | | Install nightlights | | Each | 10 | 17.00 | 170 |
| | 7.5 | Install new ceiling fan | | Each | 9 | 40.00 | 360 |
| | 1.0 | | | | | | |
| | 7.6 | Install ceiling fan enclosures Install new telephone cubie (single pair) | | Each | 9 | 100.00 | 900 |
| | | | | | | 1 | |
| | 7.7 | Install new talephone jack Install new circuit breaker (specify | | Each | | 40.00 | 40 |
| • | 7.8 | type and capacity) Install new circuit breaker panel | | Each | 9 | 10,00 | - 80 |
| | 7.9 | (specify number of breakers and capacity) | | Each | 1 | 750.00 | 750 |
| | 7.10 | Install new isolation switch (specify type and capacity) | | Each | 1 | 250.00 | 250 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | | Install new mains cabling (specify type | | | | | |
| | 7.12 | and size) Install new electrical generator with | | FM | | 1 | 0 |
| | 7,13 | changeover switch (specify make, model, and capacity) | | Each | | | 0 |
| | 7.14 | Install new fuel tank for generator (with capacity to operate generator for 72 hours continuously) | | Each | | | a |
| - | | Install new exterior security lighting | | | | | |
| | 7.15 | (specify type and size) Install new exterior security lighting | on buildings | Each | | - | 0 |
| | 7.16 | (specify type and size) Other (Describe in the space below. Use Bid Rem 10 if necessary) | on perimeter wall | Each Indicate Unit of Measure Below | | | D |
| | - | | | UNIT OF | | UNIT PRICE (\$ | TEM COS |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION Install new window air conditioning | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | unit (specify number of watte/amps) Install new split air conditioning unit | | Each | | 450,00 | 0 |
| | 8.2 | (specify number of tons) | | Each | | | 0 |
| | 8.3 | Install new exhaust fan and ductwork | | LM | | | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
| | | | | | | | 0 |

| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|--|------|---|----------|-----------------------|---------|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | (\$ US) |
| | 9.1 | Install new Eastern style tollet | | Each | 9 | 80.00 | 720 |
| | 9.2 | Install new Western style toilet | | Each | | | 0 |
| | 9.3 | Test and clean sanitary drain pipes | | Each | 4 | 10.00 | 40 |
| | 9.4 | Install new swittary drain pipes (specify diameter and type) | | LM | 48 | 12.00 | 578 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | 12.00 | 0 |
| | 9.6 | Install new septic tank (to include locking hetch covers) | | Each | | | 0 |
| | | Remove existing septic tanks and manholes | | Each | | | 0 |
| | | Install new porcelain sink with shut-off | | | | 450.00 | 1350 |
| | 9.7 | valves | - | Each | 9 | 150.00 | 1330 |
| | 9.8 | and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Install new main shut-off valve | | Earth | 1 | 50,00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90.00 | 90 |
| | | | | | | | 075 |
| | 9.11 | Install new plastic water tanks Other (Describe in the space below. Use Bid Item 10 if recessery) | | Each Indicate Unit of Measure Below | 1 | 375.00 | 375 |
| | - | Install shower unit | | Each | 2 | 150.00 | 0 |
| | | Water pump | | Each | | 145.00 | 300 |
| | | Asset british | | | | | a |
| 0 - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | (\$ US) |
| | 10.1 | Provide armed security personnel 24 hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150,00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | - | 1 | | | 0 |
| | 10.5 | 3 | | | | | 0 |
| | 10.6 | | | 1 | - | | 0 |
| | 10.7 | | | 1 | | | 0 |
| | 10.8 | | | | - | | 0 |
| | 10.9 | | - | 1 | | | 0 |
| | 10.10 | | | | | | 0 |
| | 10.11 | | | 1 | | | 0 |
| | 10.12 | | | | | | 0 |
| | 10.13 | | | | | | 0 |
| | 10.14 | | | | | | 0 |
| | 10.15 | | | | | | 0 |
| stimated BID PRICE: | | | | 18643 | | | |
| | - | | | 100.00 | | | |

| PA PROJECT NUMBER: | | | On annual to | - Duitdine | | | | | |
|----------------------|------|--|----------------------|--------------------------------|----------|----------------|-------------|--|--|
| PA PROJECT TITLE: | - | | Segregation Building | | | | | | |
| SID ITEMS | _ | | | UNIT OF T | | UNIT PRICE | TEN COST | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | NEASURE | QUANTITY | (\$ U\$) | (\$ US) | | |
| | | Repair perimeter well (concrete or | | CH | | | 0 | | |
| | 1.1 | brick construction) Construct new perimeter wall | - | SM | | - | 0 | | |
| | 1.2 | (concrete or brick construction) | | SM | | | 0_ | | |
| | | Construct Precast concrete perimeter | | | | | | | |
| | | well | | SM | | | 0 | | |
| | 1.3 | Repair perimeter fence (steel) | | SM | | | 0 | | |
| | | | | | | | | | |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 | | |
| | 4.00 | Construct new steel chain link fence | 3 meters high | SM | | | 0 | | |
| | | | | | - | | | | |
| | - | Install steel dig plates | 1 meter high | LM | | - | 0 | | |
| | 1.5 | Repair entry/text gate | | Each | | | 0 | | |
| | | The second second | | | | | | | |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 | | |
| | | Vehicle "Salty Port" | | Each | | 1 | 0 | | |
| | | TOTAL CAN PORT | | Carl | | | | | |
| | | Man "Sally Port" | | Each | | | 0 | | |
| | | Install razor wire on existing fence or | | | | | 0 | | |
| | 1.7 | wall Propers surface and paint existing | - | LM | _ | | | | |
| | 1 | gates or tences with 1 cost primer | 1 | 1 | | | | | |
| | 1.8 | and 2 coats oil paint Prepare surface and paint existing | - | SM | | | _ 0 | | |
| | | perimter well with 2 coets weter | | | | | | | |
| | 1.10 | based paint (latex) | | SAI Indicate Unit of | | - | 0 | | |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Measure Selow | | | | | |
| | | | | | | | 0 | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | | | |
| | | Company of the Compan | | UNIT OF | | UNIT PRICE (\$ | O ITEM COST | | |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | | Remove and dispose off site all trash | | | | | | | |
| | 2.1 | and debris | | SM | | | 0 | | |
| | 2.2 | Demolish unsafe structures and dispose of all debris | | LS | | | 0 | | |
| | 1 | Grading and leveling of ground (to | - | | • | | | | |
| | 2.3 | include removing protruding objects from ground) | 1 | SM | | | Q | | |
| | 1 | Repair asphalt pavements or | | - Oil | | | | | |
| | 2.4 | walkways | | SM | | | 0 | | |
| | | Replace asphalt pavements or | | SM | | | 0 | | |
| | 2.5 | walkways Repair concrete pavements or | - | 361 | | 1 | | | |
| | 2.8 | walkways | | SM | | | 0 | | |
| | | Replace concrete povernents or | | 011 | | | | | |
| | 2.7 | Repair other type of pavaments or | - | SM | | 1 | 0 | | |
| | 2.8 | walloways | | SM | | | 0 | | |
| | 2.9 | Other (Describe in the space below. | | Indicate Unit of Measure Selow | | | | | |
| | | Use Bid Item 10 if necessary) | | | | | 0 | | |
| | | Construct concrete entry steps | | Each | 2 | 150.00 | 300 | | |
| | | Construct concrete entry ramp | - | Each | | 400.00 | | | |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | 24 | Pressure wash and clean existing | | SM | | 1.00 | 0 | | |
| | 3.1 | floore Remove and dispose damaged floor | | - MC | | 1.00 | | | |
| | 3.2 | coverings | | SM | 214 | 1.00 | 214 | | |
| | | | | | *** | | | | |
| | 3.3 | Install new floor coverings | | SM | 214 | 15.00 | 3210 | | |
| | 3.4 | Repair structurally damaged floor slabs | | SM | | 15.00 | 0 | | |

| | 3.5 | Install new reinforced concrete floor sleb (specify thickness in bid) | | SM | | | 0 |
|--------------------------|------|---|------|-----------------------------------|----------|----------------|-----------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | + | Repair stairs | | SM | | 15.00 | 0 |
| | + | Install stainersy railing | | LM | | 18.00 | 0 |
| | - | Indian brawny towny | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | Remove diimaged plaster from walls or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.2 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | 950 | 4.00 | 3800 |
| | 4.3 | Prepare wall or ceiling surface, apply 1 coat primer/sealer and 2 coats oil based paint | | SM | | | 0 |
| | | Demolish unsound walls / ceilings and | | | | 200 | P |
| | 4.4 | dispose of all debris Build new masonry wall with | - | SM | 3 | 2.00 | 8 |
| | 4.5 | mortar/plaster finish | | SM | 27 | 40.00 | 1080 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new tiles | | SM | | | 0 |
| | 4.7 | Other (Describe in the space below. | | Indicate Unit of | | 1 | |
| | | Use Bid Item 10 If necessary) | | Measure Below | | | 0 |
| - | | Fill in wall openings | | SM | | 40.00 | 0 |
| | - | Install suspended celling | | SM | | 10.00 | 0 |
| | | Remove suspended ceiling | | SM | | 2.00 | 0 |
| | | | - | UNIT OF | | UNIT PRICE (\$ | FIEM COST |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles Replace and seal demaged or | | SM | | - | 0 |
| | 5.2 | missing roof ties | | SM | | 30,00 | _ 0 |
| | 5.3 | Repair parapet walls, feacls, or seves | | SM | | | _ 0 |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspout | | Each | 12 | 80.00 | 980 |
| | 5.8 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | 12 | 3.0 | |
| | | + | | UNITOF | | UNIT PRICE (\$ | TIEM COST |
| - DOORS & WINDOWS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 6.1 | Install new wooden hollow-core door (specify size) | | Each | | 30.00 | 0 |
| | 0.1 | Install new wooden door frame | - | | | 30.00 | |
| | 6.2 | (specify size) | | Each | | - | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | | 50.00 | 0 |
| | | Steel double door | | Each | | 180.00 | 0 |
| | | High security steel bers | | Each | 17_ | 150.00 | 2550 |
| | 6.4 | Install new steel door frame (specify size) | | Each | 20 | 35.00 | 700 |
| | | Steel double door frame | | Each | | 100.00 | 0 |
| | | Install new deadbolt lock and lumish 3 | | | | | |
| | 6,5 | sets of keys Lock eat for high recurity steel bers | | Each | - | 10.00 | 0_ |
| | - | Paint existing door (1 cost primer + 2 | | Each | 17 | 25.00 | 425 |
| | + | coats oil paint) Invial other type of door (specify size | - | SM | | | _ 0 |
| | 8.6 | and type in bid) | | Each | | | 0 |
| | - | | | | | | |

| | 6.7 | Remove broken window glass and replace with new glass in endsting frame | | SM | | | 0 |
|----------------------|------|---|-------------------|-----------------------------------|----------|----------------|-------------|
| | 0.1 | Prepare rough opening in wall and install new window frame and glass | | - Call | | | |
| | 6.8 | (specify size in bid) | | Each | | 40.00 | 0 |
| | | Frame only | | Each | 31 | 25.00 | 775 |
| | 6.0 | Install steel security bers (burgler bars) on window | | Each | | 25 00 | 0 |
| | | High security steel bank | | Each | 31 | 50.00 | 1550 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 6.11 | Paint existing window frames | | EA | | 1 | Q |
| | 6.12 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | - | | - | UNIT OF | OULLOTT | UNIT PRICE (\$ | ITEM COST |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | ŞŒ | MEASURE | QUANTITY | USj | (\$ US) |
| | 7.1 | Install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | mistall new electrical outlet | | Each | 3 | 17.00 | 51 |
| | 7.3 | Install now wall switch | | Each | 36 | 18.00 | 648 |
| | 7.4 | install new flourascent light foture | | Each | | 40.00 | 0 |
| | - | Inetali nerw bulkheed vandal proof | | 2001 | | | |
| | + | lights | - | Each | 19 | 200.00 | 3800 |
| | - | Install nightlights | | Each | 19 | 17.00 | 323 |
| | 7.5 | Install new ceiling fam | | Each | 17 | 40.00 | 680 |
| | | Install calling fax enclosures | | Each | 17 | 100.00 | 1700 |
| | 7.6 | Install new talephone cable (single pair) | - | Each | | | 0 |
| | 7,0 | | | | | 1 | |
| | 7.7 | Install new telephone jack Install new circuit breaker (specify | | Each | 1 | 40.00 | 40 |
| | 7.8 | type and capacity) Install new circuit breaker panel | | Each | 18 | 10.00 | 160 |
| | 70 | (specify number of breekers and | | | | 750.00 | 750 |
| | 7.9 | capacity) Install new isolation switch (specify | | Each | | 750,00 | 730 |
| | 7.10 | type and capacity) | | Each | 1 | 250.00 | 250 |
| | 7.11 | Install new mains transformer (specify type and capacity) | | Each | | | 0 |
| | 7,12 | Install new mains cabling (specify type and size) | | LM | | | 0 |
| | | Install new electrical generator with changeover switch (specify make, | | | | | |
| | 7.13 | model, and capacity) Install new fuel tenk for generator | | Each | | 1 | 0 |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | | Install new exterior tecurity lighting | | | | | 0 |
| | 7.15 | (specify type and size) Install new exterior security lighting | on buildings | Each | | - | 0 |
| | | (specify type and size) | on perimeter wall | Each | | - | 0 |
| | 7.16 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| - MECHANICAL SYSTEMS | пем | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | O ITEM COST |
| - MENTON OF STEMO | 1100 | Install new window air conditioning | - July | - III | 40.0001 | | |
| | 8,1 | unit (specify number of waits/amps) Install new split air conditioning unit | - | Each | - | 450,00 | 0 |
| | 6.2 | (specify number of tons) | | Each | | | 0 |
| | 8.3 | Install new exhaust fan und ductwork | | £M. | | | D |
| | 8.4 | Install new eir supply ductwork | | LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | | LM | | | 0 |

| | 8.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
|----------------------------|-------|---|------|-----------------------------------|----------|-----------------------|----------------------|
| - SANITARY & WATER SYSTEMS | пем | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ US) | ITEM COST (\$ US) |
| | 9.1 | Install new Eastern style toilet | | Each | 18 | 80,00 | 1440 |
| | 9.2 | Install new Western style tollet | | Each | | 1 | 0 |
| | 9.3 | Test and clean senitary drain pipes | | Each | 4 | 10.00 | 40 |
| | | Install new sunitary drain pipes | | | | | |
| | 9.4 | (specify diameter and type) | | LM | 84 | 12.00 | 1008 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) | | Each | | | 0 |
| | 9.6 | Install new septic tank (to include locking hatch covers) | | Each | | | 0 |
| | - | Remove existing septic tanks and | | | | | |
| | | manholes Install new porceion sink with shut-off | | Each | | | 0 |
| | 9.7 | valves | | Each _ | 16 | 150.00 | 2700 |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, steel, copper) | | LM | | | 0 |
| | 99 | install new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 30 | ILOSOB (NEW THOSE DESICHOT FAIRD | | Each | | 30,00 | |
| | 9.10 | Install backflow prevention valve | | Each | 11 | 90.00 | 90 |
| | 9.11 | Install new plastic water tanks | | Each | _ 1 | 375.00 | 375 |
| | 9,12 | Other (Describe in the space below. Use Bid flem 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | - | Install shower unit | | Each | 2 | 150.00 | |
| | | Weter pump | | Each | | 145.00 | 300 |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| 0 - OTHER BID ITEMS | FTEM | Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10.1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen teble/shelf | | Each | _ | 150.00 | 0 |
| | 10.3 | | | | | | 0 |
| | 10.4 | | | 1 | | | 0 |
| | 10.5 | | | 1 | | 1 | 0 |
| | 10.5 | | | 1 | | | 0 |
| | 10.7 | | | - | | | 0 |
| | 10.8 | | | | | | |
| | 10.9 | | | 100- | - | - | 0 |
| | | | | + | | 1 | 0 |
| | 10.10 | | | | | 1 | 0 |
| | 10.11 | | - | | | 1 | 0 |
| | 10.13 | 1 | | | | | 0 |
| | 10.14 | | | 1 | | | 0 |
| | 10.15 | | | | | | 0 |
| stimated BID PRICE: | | | | 30055 | | | |
| | | | | JUUDO | | | |

| PA PROJECT NUMBER: | - | | Generator, Transformer, and Water Tank Building | | | | | | |
|----------------------|------|--|---|---------------------|-------------|----------------|-----------|--|--|
| PA PROJECT TITLE: | | | Generator, | I ransformer, a | nd water la | nk Building | | | |
| BID ITEMS | | | | UNITOF | | UNIT PRICE | ITEM COST | | |
| - PERIMETER SECURITY | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) | | |
| | | Repair perimeter wall (concrete or | | | | | | | |
| | 1.1 | brick construction) | | SM | | | 0 | | |
| | 1.2 | Construct new perimeter wall (concrete or brick construction) | | SM | | | 0 | | |
| | 1.4 | Construct Precasi concrete perimeter | | | - | 1 | _ | | |
| | | wall | | SM | | | 0 | | |
| | | | | | | | | | |
| | 1.3 | Repair perimeter fence (steel) | - | SM | | | 0 | | |
| | 1.4 | Construct new perimeter well (steel) | 10.00 | SM | | | . 0 | | |
| | 1 | Construct their positions was (occus) | | 1 | | | | | |
| | | Construct new steel chain link fence | 3 meters high | SM | | | 0 | | |
| | | | 4.5 | 115 | | | | | |
| | - | Install stool dig pletes | 1 meter high | LM | | | 0 | | |
| | 1.5 | Repair entry/ext. gate | | Each | | | 0 | | |
| | 1.0 | | | | | | | | |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 | | |
| | | ALLEGO BOOK DOOR | | | | | | | |
| | | Vehicle "Sally Port" | | Each | | | 0 | | |
| | -1 | Man "Sally Port" | - | Each | | | 0 | | |
| | | Install razor wire on existing fence or | | | | 1 | | | |
| | 1.7 | well | | LM | | | 0 | | |
| | | Prepare surface and paint existing gates or fences with 1 cost primer | | | | | | | |
| | 1.8 | and 2 coats oil paint | | SM | | | 0 | | |
| | | Prepare surface and paint existing | | | | | | | |
| | 1.9 | perienter wall with 2 costs water based paint (latex) | | SM | | | 0 | | |
| | 1.10 | Other (Describe in the space below. | | Indicate Unit of | | | | | |
| | | Use Bid Hern 10 if necessary) | | Measure Below | | | | | |
| | | | | | | 3510.00 | 0 | | |
| | | Complete structural concrete guard tower with steel roofing | | Each | | 3510.00 | 0 | | |
| | | | | UNITOF | | UNIT PRICE (\$ | ITEM COST | | |
| - SITEWORK | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | | Remove and dispose off site all trash | | | | | 0 | | |
| | 2.1 | and debris Demolish unsafe structures and | - | SM | | - | | | |
| | 2.2 | dispose of all debris | | LS | | | 0 | | |
| | | Grading and leveling of ground (to | | | | | | | |
| | 2.3 | include removing protruding objects from ground) | | SM | | | 0 | | |
| | 2.3 | Repair sephalt pevements or | | | | | | | |
| | 2.4 | walloways | | SM | | | 0 | | |
| | | Replace asphalt pavements or | | | | | | | |
| | 2.5 | walloways | | SM | | - | 0 | | |
| | 2.6 | Repair concrete pavements or walloways | | SM | | | 0 | | |
| | 2.0 | Replace concrete pavements or | | | | | | | |
| | 2.7 | welloweys | | SM | | | 0 | | |
| | | Repair other type of pavements or | | | | | | | |
| | 2.8 | Waltoways Other (Describe in the space below. | | SM Indicate Unit of | | | 0 | | |
| | 2.8 | Use Bid item 10 if necessary) | | Measure Below | | | 0 | | |
| | | Construct concrete entry steps | | Each | | 19.50 | 0 | | |
| | | Constitution of the Gray steps | | | | 150.00 | 0 | | |
| | | Construct concrete entry ramp | | Each | 3 | 400.00 | 1200 | | |
| | - | | | UNITOF | | UNIT PRICE (\$ | ITEM COST | | |
| - FLOOR SYSTEMS | ITEM | DESCRIPTION | SOZE | MEASURE | QUANTITY | US) | (\$ US) | | |
| | 4.0 | Pressure wash and dean existing | | CO. I | | 100 | 0 | | |
| | 3,1 | floors | 1 | SM | | 1.00 | | | |
| | 3.2 | Remove and dispose damaged floor coverings | | SM | | 1.00 | 0 | | |
| | | | | | | | | | |
| | 33 | Install new floor coverings | | SM | | 15.00 | 0 | | |
| | | Repair structurally damaged floor | | | | | | | |

| | 3.5 | Install new reinforced concrete floor alab (specify thicknese in bid) | | SIM Indicate Unit of | | | a |
|--------------------------|------|---|------|-----------------------------------|----------|----------------|-----------|
| | 3.6 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Measure Balow | | | 0 |
| | | Repair stairs | | SM | | 15.00 | 0 |
| | _ | Install stainway railing | | UM | | 18.00 | 0 |
| | | | 6176 | UNITOF | DUANTITY | UNIT PRICE (\$ | TEM COST |
| - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION Remove damaged plaster from walls | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | or cellings and repair with mortar and/or gypsum plester as required Prepare well or ceiling surface, apply | | SM | | | 0 |
| | 4.2 | 1 cost primer/sealer and 2 costs latex (water based) paint | | SM | 265 | 4.00 | 1140 |
| | 4.3 | Prepare wall or ceiling surface, upply 1 cost primer/sealer and 2 costs oil based paint | | SM | | | 0 |
| | | Demotish uncound walls / ceilings and | | 71 | - 12 | 2.00 | 26 |
| | 4.4 | dispose of all debris Build new masonry wall with | | SM | 13 | 2.00 | 20 |
| | 4,5 | mortar/plaster finish | | SM | 12 | 40.00 | 480 |
| | 4.6 | Remove demaged ceramic tile will covering and install new tiles | | SIM | | | 0 |
| | 4.7 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | 1 | Fill in wall openings | | SM | | 40.00 | 0 |
| | + | Install suspended ceiling | | SM | | 10.00 | 0 |
| | - | Remove suspended ceiling | - | SM | - | 2.00 | 0 |
| | 1 | | | UNITOF | | UNIT PRICE (\$ | TEM COST |
| - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 5.1 | Reseal joints around roof tiles | | SM | | - | 0 |
| | 5,2 | Replace and seal damaged or missing roof thes | | SM | | 30.00 | 0 |
| | 5,3 | Repair parapet wells, fascia, or eaves | | SM | | | 0 |
| | 5.4 | Install new steel roof panels | | 5M | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | _ 0 |
| | | | | Each | 2 | 80.00 | 160 |
| | 5.7 | Install new downspout Other (Describe in the apace below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | 80.00 | 0 |
| | 1 | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - DOORS & WINDOWS | ПЕМ | Install new wooden hollow-core door | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | (specify size) | | Each | | 30.00 | 0 |
| | 6.2 | Install new wooden door frame (specify size) | | Each | | | 0 |
| | | | | | | 50,00 | 0 |
| | 5.3 | Install new steel door (specify size) | | Each | - | | 840 |
| | 1 | Steel double door | | Each | 4 | 180.00 | 0 |
| | 6.4 | High security steel bars Install new steel door frame (specify size) | | Each Each | | 35.00 | 140 |
| | | Steel double door frame | | Each | | 100.00 | 0 |
| | | Install new deadbolt lock and furnish 3 | | | | | |
| | 6.5 | Lock set for high security steel bars | - | Each | 4 | 10,00 | 40 |
| | | Paint existing door (1 coat primer + 2 | | Each | | 25.00 | 0 |
| | + - | coats of paint) Install other type of door (specify size | | _SM | | - | 0 |
| | 5.6 | and type in bid) | | Each | | | 0 |
| | | Bathroom stall door | | Each | | 20.00 | 0 |

| | | 700000000000000000000000000000000000000 | NI THOUL | | | , , , | |
|----------------------|------|---|------------------|-----------------------------------|----------|-----------------|-------------------|
| | 6.7 | Remove broken window glass and replace with new glass in existing frame | | SM | | | 0 |
| | | Prepare rough opening in wall and | | | | | |
| | 6.8 | install new window frame and glass (specify size in bid) | | Each | 4 | 40.00 | 160 |
| | | Frame only | | Each | _ | 25.00 | 0 |
| | 6.9 | install steel security bars (burglar bars) on window | | Each | 4 | 25.00 | 100 |
| | | High security steel bars | | Each | | 50.00 | 0 |
| | 6.10 | Clean existing windows | | SM | | | 0 |
| | 6.11 | Paint existing window frames | | EA | | | 0 |
| | 6.12 | Other (Describe in the space below. | - | Indicate Unit of | | - | - 0 |
| | 0.12 | Use Bid Hern 10 if necessary) | | Measure Below | | | |
| | 1 | | | UNITOF | | UNIT PRICE (\$ | ITEM COS |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | install new surface-mounted electrical wiring (apacify wire type & diameter) | | LM | | | 0 |
| | 7.2 | install new electrical outlet | | Each | 9 | 17.00 | 153 |
| | 7.3 | Install new wall switch | | Each | 6 | 18.00 | 100 |
| | 7.4 | Install new flourescent light floure | | Each | 9 | 40.00 | 360 |
| | | Install nightlights | | Each | | 17.00 | 0 |
| | 7.5 | Install new calling fan | | Each | | 40.00 | 240 |
| | 7.6 | Install new telephone cable (single pair) | | Each | | | 0 |
| | | | - | | | | |
| | 7.7 | Install new telephone jack Install new circuit breaker (specify | | Each | 1 | 40.00 | 40 |
| | 7,8 | type and capacity) install new circuit breaker panel | | Each | 4 | 10.00 | 40 |
| | 7.9 | (specify number of breakers and capacity) | | Each | 1 | 750.00 | 750 |
| | 7.10 | Install new motetion switch (specify type and capacity) | | Each | 1 | 250.00 | 250 |
| | | Install new mains transformer (specify | | | - | | 0 |
| | 7.11 | type and capacity) | | Each | - | | |
| | 7.12 | install new mains cabling (specify type and size) | | ĹM | | | 0 |
| | - | Install new electrical generator with changeover switch (specify make, | | | | | |
| | 7.13 | model, and capacity) Install new fuel lank for generator | | Each | - | | 0 |
| | | (with capacity to operate generator for | | | | 1 | |
| | 7.14 | 72 hours continuously) | | Each | | | 0 |
| | 7.15 | Install new exterior security lighting (specify type and size) | on buildings | Each | - | | 0 |
| | | Install new exterior security lighting | | | | | • |
| | 7.16 | (specify type and size) Other (Describe in the space balow. | on permiser wall | Each Indicate Linit of | | + | 0 |
| | 7.10 | Use Bid Hern 10 if necessary) | | Measure Below | | | |
| | - | | | UNITOF | | UNIT PRICE (\$ | ITEM COST |
| - MECHANICAL SYSTEMS | LLEW | DESCRIPTION Install new window air conditioning | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | unit (specify number of watts/amps) | | Each | | 450.00 | 0 |
| | 8.2 | Install new split eir conditioning unit (specify number of tons) | | Each | | | a |
| | 8.3 | Install new exhaust fan and ductwork | | 1.M | | | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
| | 8.5 | Install new air exhaust ductwork | | LW | | | 0 |
| | 8.6 | Other (Describe in the special below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | | | UNIT OF | | UNIT PRICE (\$ | O TEM COS |
| | 1 | | | UNITED 1 | | LORGI PRICE (3) | I I E III C C C C |

| | 9.1 | Install new Eastern style totlet | | Each | | 80.00 | 0 |
|---------------------|-------|--|------|---|----------|---------------|----------|
| | 9.2 | Instalt new Western style (cite) | | Each | | | 0 |
| | 9.3 | Test and clean sunitary drain pipes | | Each | | 10.00 | 0 |
| | 9.4 | Install new sanitary drain pipes (specify diameter and type) | | | | | |
| | 0.4 | | _ | LM | 6 | 12.00 | 72 |
| | 9.5 | Clean and repair existing septic tanks (to include new locking hatch covers) Install new septic tank (to include | | Each | | | 0 |
| | 9.6 | locking hetch covers) | | Each | | | 0 |
| | | Ramove existing septic tanks and marrholes | | Each | | | 0 |
| | 9.7 | Install new porcelain sink with shut-off valves | | Each | 1 | 150.00 | 150 |
| | 9.8 | Imitall new water piping (specify size and type I.e. PVC, steel, copper) | | LM | | | 0 |
| | 9.9 | Instalt new main shut-off valve | | Each | 1 | 50.00 | 50 |
| | 9.10 | Install backflow prevention valve | | Each | 1 | 90,00 | 90 |
| | 9.11 | Install new plastic water tanks | | | | | |
| | 9.12 | Other (Describe in the space below. Use Bid firm 10 if necessary) | | Each Indicate Unit of Missisure Below | 2 | 375.00 | 750 |
| | | Install shower unit | | Each | - | 150.00 | 0 |
| - | | Water pump | | Each | | 145.00 | 0 |
| | | | | UNIT OF | | UNIT PRICE (S | ITEM COS |
| OTHER BID ITEMS | ITEM | DESCRIPTION Provide armed security personnel 24 | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 10,1 | hours per day during the entire duration of the contract | | DAYS | | | 0 |
| | 10.2 | Replace kitchen lable/shell | | Each | | 150.00 | D |
| | 10.3 | | | | | 100.00 | 0 |
| | 10.4 | | _ | | | | 0 |
| | 10.5 | | | 1 | | | 0 |
| | | | | | | - | |
| | 10,6 | - | | | | + | 0 |
| | 10.7 | | | + | | - | 0 |
| | 10,8 | | | | - | - | 0 |
| | 10.9 | - | | - | | - | 0 |
| | 10.10 | | | | | | D |
| | 10.11 | - | | 1 | | - | 0 |
| | 10.12 | | | + | | - | 0 |
| | 10.14 | - | -4-2 | 1 | | - | 0 |
| | 10.15 | | | | | | 0 |
| | | | | | | | |
| stimated BID PRICE: | | | | 7139 | | | |
| | | | | | | | |

| PA PROJECT INFORMATION (T | o de compieux | by the CPA Action Officer) | | - | | | |
|---------------------------|---------------|---|-------------------------------|-----------------------------------|----------|----------------|-----------|
| CPA PROJECT NUMBER: | | | V | | | | |
| PA PROJECT TITLE: | | | Yard and Se | curity | | | _ |
| BID ITEMS | - | | | UNIT OF | | UNIT PRICE | TIEM COST |
| - PERIMETER SECURITY | ITEM | DESCRIPTION Repair perimeter wall (concrete or | SIZE | MEASURE | QUANTITY | (\$ US) | (\$ US) |
| | 1.1 | brick construction) | | SM | | | 0 |
| | 1.2 | (construct new perimeter wall (construct or brick construction) | | SM | | | 0 |
| | | Construct Precent concrete perimeter wall 4 m high, including concrete grouting and plantic cap | 5 m penels panially buried | UM | 725 | 625.00 | 453125 |
| | | Precest concrete footing for precest penmeter wall | | СМ | 200 | 390.00 | 78000 |
| | 1 | | | | | | 0 |
| - | 1.3 | Repair perimeter fence (steel) | - | SM | | | |
| | 1.4 | Construct new perimeter wall (steel) | | SM | | | 0 |
| | | Construct new steel chain link fence | 3 meters high | LM | 1840 | 330.00 | 607200 |
| | | Install steel dig plates | 1 meter high | LM | 1840 | 25.00 | 46000 |
| | 1.5 | Repair entry/exit gate | | Each | | | 0 |
| | 1.6 | Install new entry/exit gate | | Each | | | 0 |
| | | Vehicle "Sally Port" | | Each | 3 | 8000.00 | 18000 |
| | | Man "Sally Port" | | Each | 4 | 2000.00 | 9000 |
| | | Install razor wire on existing fence or | | | | 384.00 | |
| | 1.7 | Prepare surface and paint existing | | LM | 1640 | 364.00 | 689750 |
| | 1.8 | gates or fences with 1 coat primer and 2 coats oil paint | | SM | | | 0 |
| | 1.9 | Prepare surface and paint existing parimter wall with 2 coats water based paint (latex) | | SM | | | 0 |
| | 1.10 | Other (Describe in the space below. Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | 0 |
| | | Complete structural concrete guard tower with steel roofing | | Each | - | 3510,00 | |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| - SITEWORK | ITEM | DESCRIPTION Remove and dispose off site at trush | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 2.1 | end debris Demolish unsafe structures and | | SM | | - | 0 |
| | 2.2 | dispose of all debris Grading and leveling of ground (to | | LS | | | 0 |
| | 2.3 | include removing probuding objects | | SM | 32380 | 0.40 | 12952 |
| | | from ground) Repair asphalt pavements or | | | | | |
| | 2.4 | weakways Reptace asphall pavements or | | SM | 200 | 8.73 | 1746 |
| | 2.5 | walkways Repair concrete pevernents or | | SM | 200 | 15.00 | 3000 |
| | 2.6 | walkerays Replace concrete pervements or | | SM | | - | 0 |
| | 2.7 | walkways | | SM | | | 0 |
| | 2.8 | Repair other type of peventents or walkways | | SM | | | 0 |
| | 2.9 | Other (Describe in the space below. Use Bid Item 10 if nacessary) | | Indicata Unit of Measure Below | | | 0 |
| | | Construct concrete entry steps | | Each | | 150.00 | 0 |
| | | Construct concrete entry ramp | | Each | | 400.00 | 0 |
| | | | | 7 10000 400 | | UNIT PRICE (\$ | ITEM COST |
| S - FLOOR SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | US) | (\$ US) |
| S - FLOOR SYSTEMS | 1TEM 3.1 | DESCRIPTION Pressure wash and clean existing | SIZE | | QUANTITY | | |

| | 3.3 | Install new floor coverings | | SM | | 15.00 | 0 |
|----------------------------|------|--|------|-----------------------------------|----------|------------------------|----------------|
| | 3.4 | Repair structurally demaged floor slabe | | SM | | 15.00 | 0 |
| | 3.5 | Install new reinforced concrete floor elab (specify thickness in bid) | | SM | | | 0 |
| | 3.6 | Other (Describe in the space below Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | Repair stairs | | SM | | 15.00 | 0 |
| | + | Install stainway railing | | LM | | 18.00 | 0 |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| 4 - WALL & CEILING SYSTEMS | ITEM | DESCRIPTION Remove damaged plaster from waits | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 4.1 | or ceilings and repair with mortar and/or gypsum plaster as required | | SM | | | 0 |
| | 4.1 | Prepare wall or ceiling surface, apply | | - Um | | | |
| | 4.2 | 1 coat primer/sealer and 2 coats latex (water based) paint | | SM | | 4,00 | 0 |
| | | Prepare wall or ceiling surface, apply 1 cost primer/sealer and 2 coats oil | | | | 10-1 | |
| | 4.3 | based peint Demolish unsound walls / callings and | | SM | | + | 0 |
| | 4.4 | dispose of all debris | | SM | | 2.00 | 0 |
| | 4.5 | Build new mesonry wall with mortan/plaster finish | | SM | | 40.00 | 0 |
| | 4.6 | Remove damaged ceramic tile wall covering and install new bies | | SM | | | D |
| | 4.7 | Other (Describe in the space below, Use Bid Item 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | | | | | | | 0 |
| | | Fill in wall openings | | SM | | 40,00 | 0 |
| | - | Install auspended celling | | SM SM | | 10.00 | 0 |
| | - | Remove suspended celling | | SM UNIT OF | | 2.00 UNIT PRICE (\$ | 0 TIEM COST |
| 8 - ROOF SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 8.1 | Reseal joints around roof tiles | | SM | | | 0 |
| | 5.2 | Replace and seal demaged or missing roof tiles | | SM | | 30.00 | 0 |
| | 5.3 | | | | | | 0 |
| | 5.3 | Repair parapet walls, funcia, or eaves | | SM | - | | U |
| | 5.4 | Install new steel roof panels | | SM | | 16.00 | 0 |
| | 5.5 | Clear roof drain and downspout | | Each | | | 0 |
| | 5.6 | Install new roof drain | | Each | | | 0 |
| | 5.7 | Install new downspout | | Each | | 80.00 | 0 |
| | 5.8 | Other (Describe in the space below. | | Indicate Unit of | | 30,00 | |
| | | Use Bid Hem 10 if necessary) | | Measure Below | | | |
| | 1 | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST |
| 6 - DOORS & WINDOWS | ITEM | Install new wooden hollow-core door | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 6.1 | (epecify size) Install new wooden door frame | | Each | | 30.00 | 0 |
| | 6.2 | (specify size) | | Each | , | | 0 |
| | 6.3 | Install new steel door (specify size) | | Each | | 50.00 | 0 |
| | | Steel double door | | Each | | 180.00 | 0 |
| | 1 | High security steel bars | | Each | _ | 150,00 | 0 |
| | 6.4 | Install new steel door frame (specify size) | | Each | | 35.00 | 0 |
| | | Steel double door frame | | Each | | 100,00 | o |
| | | Install new deadbolt lock and furnish 3 | _ | | | | |
| | 6.5 | sets of keys Lock set for high security steel bars | | Each | | 10.00 | 0 |
| | - | door | | Each | | 25.00 | 0 |
| | | Paint existing door (1 cost primer + 2 costs oil paint) | | | | 1 | 0 |

| | 8.6 | Install other type of door (specify size and type in bid) | | Each | | 1 | 0 |
|----------------------|------|---|-------------------|-----------------------------------|----------|----------------|-----------|
| | | Bathroom stall door | | Each | | 20.00 | 0 |
| | | Remove broken window glass and replace with new glass in existing | | | | | 0 |
| | 6.7 | frame Prepare rough opening in wall and install new window frame and glass | - | SM | | 10 | - |
| | 5.8 | (specify size in bid) | | Each | | 40.00 | 0 |
| | - | Frame only Install steel security bers (burglar | | Each | _ | 25.00 | 0 |
| | 8.9 | bars) on window | | Each | | 25.00 | 0 |
| | | High security steel bers | | Each _ | | 50.00 | 0 |
| | 6.10 | Clean existing windows | | SM | | - | 0 |
| | 8,11 | Paint existing window frames | | EA | | | 0 |
| | 6,12 | Other (Describe in the space below. Use Bid Itam 10 if necessary) | | Indicate Unit of Measure Below | | | |
| | 1 | - | | UNITOF | - | UNIT PRICE (\$ | ITEM COST |
| - ELECTRICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) |
| | 7.1 | install new surface-mounted electrical wiring (specify wire type & diameter) | | LM | | | 0 |
| | 7.2 | Install new electrical outlet. | | Each | | 17.00 | 0 |
| | 7.3 | Install new wall switch | | Each | | 18.00 | 0 |
| | 7.4 | install new flourescent light future | | Each | | 40.00 | 0 |
| | | Install nightlights | | Each | | 17.00 | 0 |
| | 7.5 | Install new ceiling fan | | Each | | 40.00 | 0 |
| | 7.6 | Install new telephone cable (elingle pair) | | Each | | | 0 |
| | 7.7 | Install new telephone jack | | Each | | 40.00 | 0 |
| | | Install new circuit breaker (specify | | | | | |
| | 7.8 | type and capacity) Install new circuit breaker panel (specify number of breakers and | | Each | 15 | 10.00 | 150 |
| | 7.9 | capacity) | | Each | 1 | 750.00 | 750 |
| | 7.10 | Install new isoletion switch (specify type and capacity) | | Each | 1 | 250.00 | 250 |
| | | Install new mains transformer (specify | | | | | |
| | 7.11 | type and capitally) Install new mains cabling (specify type | | Each | | - | 0 |
| | 7.12 | and size) | | LM | | - | 0 |
| | 7.13 | Install new electrical generator with changeover switch (specify make, model, and capacity) | | Each | | | 0 |
| | 7.10 | Install new fuel tank for generator | | | | | |
| | 7.14 | (with capacity to operate generator for 72 hours continuously) | | Each | | | 0 |
| | 7.15 | install new exterior security lighting (specify type and size) | on buildings | Each | 100 | 440.00 | 44000 |
| | | Install new exterior security lighting | | Each | 12 | 500.00 | 6000 |
| | 7,16 | (specify type and size) Other (Describe in the space below. Use Bid from 10 if necessary) | on parimeter wall | Indicate Unit of Measure Selow | 12 | 30000 | GOOR |
| | - | | | UNITOF | | UNIT PRICE (\$ | TEM COST |
| - MECHANICAL SYSTEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | us) | (\$ US) |
| | 8.1 | Install new window air conditioning unit (specify number of watts/amps) | | Each | | 450.00 | _ 0_ |
| | 8.2 | Install new split sir conditioning unit (specify number of lons) | | Each | | | 0 |
| | 8.3 | Install new exhaust film and ductwork | | LM | | | 0 |
| | 8.4 | Install new air supply ductwork | | LM | | | 0 |
| | D.9 | THE WALL DOWN AND THE PARKET CLASSICAL A | | 1.00 | | 1 | O |

| | 8.6 | Other (Describe in the space below. Use Blid liem 10 If necessary) | | Indicate Unit of Measure Below | | | 0 | |
|----------------------------|---------|---|-----------|---|----------|----------------|-----------|--|
| - SANITARY & WATER SYSTEMS | ITEM | DESCRIPTION | SIZE | UNIT OF MEASURE | QUANTITY | UNIT PRICE (\$ | | |
| | 9.1 | Install new Eastern style loilet | | Each | | 80.00 | 0 | |
| | 9.2 | Install new Western style tollet | | Each | | - | 0 | |
| | 9.3 | Test and clean sanitary drain pipes | | Each | | 10.00 | . 0 | |
| | 9.4 | Install new sanitary drain pipes (specify diameter and type) | 150 mm | LM | 1270 | 12.00 | 15240 | |
| | 9.5 | Clean and repair existing septic banks (to include new locking hatch covers) | | Each | | | 0 | |
| | 9,6 | Install new septic tank (to include locking hatch covers) Remove existing septic tanks and | 1500 L | Each | 5 | 750.00 | 3750 | |
| | | manholes | | Each | 13 | 500.00 | 8500 | |
| | 9.7 | Install new porcelain aint, with abut-off valves | | Each | | 150.00 | 0 | |
| | 9.8 | Install new water piping (specify size and type i.e. PVC, size), copper) | 100 mm | LM | 180 | 25.00 | 4500 | |
| | 9.0 | Install new main shut-off valve | 100 mm | Each | 2 | 150.00 | 300 | |
| | 9.10 | Install backflow prevention valve | 100 11111 | Each | 1 | 200.00 | 200 | |
| | | | | | | | | |
| | 9.11 | Instell new plastic water tanks Other (Describe in the space below. Use 8lid (term 10 if necessary) | | Each Indicate Unit of Measure Below | | 375.00 | _0 | |
| - | | Install shower unit | | Each | | 150.00 | 0 | |
| | - | Water pump | - | Each | | 145.00 | _0 | |
| | - | | | UNIT OF | | UNIT PRICE (\$ | ITEM COST | |
| O - OTHER BID ITEMS | ITEM | DESCRIPTION | SIZE | MEASURE | QUANTITY | US) | (\$ US) | |
| | 10.1 | Provide armed security personnel 24 hours per day during the entire duration of the contract | | DAYS | | | 0 | |
| | 10.2 | Replace kitchen table/shelf | | Each | | 150.00 | 0 | |
| | 10.3 | | | | | | 0 | |
| | 10.4 | | | | | | 0 | |
| | 10.5 | | | | | | 0 | |
| | 10.8 | | | | | | 0 | |
| | 10.7 | | | | | | 0 | |
| | 10.6 | | | | | | 0 | |
| | 10.9 | | | | | | 0 | |
| | 10.10 | | | | | | 0 | |
| | 10.11 | | | | | | 0 | |
| | 10.12 | | | | | | 0 | |
| | 10.13 | | | | | | 0 | |
| | 10.14 | | | | | 1 | _ 0 | |
| | 10.15 | | | | | | . 0 | |
| stimated BID PRICE: | 1979423 | | | | | | | |

Basrah Central Prison Electrical Load

| MAX (kw) | DESIGN (kw) | |
|--|---|--|
| 536,107 | 322,477 | |
| 75,250 | 75,250 | |
| 611,357 | 397,727 | |
| 91,704 | 59,659 | |
| 703,061 | 457,386 | |
| | | |
| QUANTITY | UNIT COST (\$) | ITEM COST (\$) |
| 2 | \$119,000 | \$238,000 |
| 491 | \$20 | \$9,816 |
| 458 | \$20 | \$9,152 |
| 58 | \$10 | \$580 |
| 259 | \$10 | \$2,590 |
| 260 | 209 | \$9,065 |
| | | \$2,759 |
| AND REAL PROPERTY AND ADDRESS OF THE PARTY AND | | \$890 |
| | \$10 | |
| 53 | \$10 | \$530 |
| 26 | \$100 | \$2,600 |
| 9 | \$500 | \$4,500 |
| 172 | \$400 | \$68,800 |
| | \$250 | \$40,500 |
| 102 | 92.00 | \$10,000 |
| 53 | \$250 | \$13,250 |
| | TOTAL | \$403,032 |
| | 536,107 75,250 611,357 91,704 703,061 QUANTITY 2 491 458 58 259 259 110 89 | 536,107 322,477 75,250 75,250 611,357 397,727 91,704 59,659 703,061 457,386 QUANTITY UNIT COST (\$) 2 \$119,000 491 \$20 458 \$20 58 \$10 259 \$10 259 \$35 110 \$25 89 \$10 53 \$10 26 \$100 9 \$500 172 \$400 162 \$250 |

NOTE-1: Estimate does not include overhead (8%) and profit (8%). Unit costs are for materials and labor only.

Overhead and profit to be included in summery estimate of all work elements.

NOTE-2: Estimate does not include purchase and installation of new main transformers, changeover switch, circuit breaker panels, isolation switches, or cabling. These depend on the installation design to be done by Infrastructure Assessment Team

FOR PRELIMINARY COST ESTIMATE USE \$ 500,000

COALITION PROVISIONAL AUTHORITY – SOUTH BASRAH, IRAQ

| U.S. Army Co | rps of Engineers F | Forward Engineering S | upport Team |
|-----------------------------|----------------------------------|----------------------------|------------------|
| Title: WR 49 Ba | asrah Central Prison Prelimi | nary Assessment and Cost E | Estimate |
| Requested by: | Major Wanager UK Project Manager | Date: | 24 July 2003 |
| Signature: Submitted by: | CPA-S FEST Assessor | Date: | 24 August 2003 |
| Signature: Approved by: | CPA-S FEST Team Leade | | 24 August 2003 |
| Project Locatio | n: Basrah | Grid Coordinates | s:QU 72396 73718 |

On-Site Personnel: Not Applicable

On-Site Security: Not Applicable

Executive Summary

The CPA FEST – A Team was requested by British Major Project Manager / S02 Detention, to complete a detailed engineering assessment and cost estimate for the Basrah Central Prison. The report completed by the FEST – A Team would then be used as a tool to help secure capital funding from CPA and would also be used in the Tendering Process.

The proposed Basrah Central Prison would be a medium to high security prison that would hold 1000 to 1500 prisoners. It is located in southern Iraq and will be the main prison holding center in the southern Iraqi provinces. The present site is a former military barracks which was used to train the Fedayeen before Operation Iraqi Freedom.

The site consists of 29 buildings. These buildings are structurally in good condition. Looting has caused moderate but relatively expensive damage. Typically the damage was the removal of all doors and door frames; all windows and window frames; all electrical fixtures, outlets, boxes, and panels; all fans and appliances: almost all underground buried cables and pipes; metal roofing; all roof mounted water storage tanks and piping; all plumbing and plumbing fixtures; and all suspended ceilings. Part of the site has asphalt paving and portions of this paving are damaged. One building has roof tiles that were partially removed.

Completion of this report required visiting the site and preparing a site plan. This site plan was used to determine the security fencing layout, the drain lines layout, the waterline layout, and the preliminary buried electrical cable layout. These basic layouts were used to develop preliminary quantities and costs. Also during the site visits the conditions on each building were documented. This documentation was used to develop building renovation requirements and preliminary costs.

Through meetings with British Major and Captain the proposed layout of the compound and the usage of each building were developed. From these meetings the site plan was formalized and this report prepared. Design requirements for this prison included a new four (4) meter high solid perimeter wall to reinforce the existing one, new four (4) meter high interior security chain link fencing with coiled razor wire on top and a solid corrugated metal "dig" plate under the bottom, high security doors and windows, lights and nightlights in shatterproof bulkhead light fixtures, ceiling fans in steel cage enclosures, basic in-cell toilets and washing facilities, and very controlled movement of the prisoners. Guard towers will be constructed around the perimeter and security lights will be installed to illuminate the exterior of the compound as well as the interior. The compound will be equipped with an internal communications system and with an alarm system. The alarm system will be controlled at the central Guard House.

In addition to the prisoner holding buildings there will be a visitor's center, a reception building, a medical building, an administration building, a staff building, a kitchen, and a recreation building.

This report contains the preliminary assessment and design. Based on the assessment completed, the layout designed, the proposed usage of the buildings, and the level of security proposed the estimated construction project cost is \$4,100,000. This cost includes the cost for a Project Construction Management Team to progress the construction of the Basrah Central Prison to completion and start-up.

It is recommended that this project be funded and put into operation as soon as possible to provide a usable and reliable prison system in the southern provinces of Iraq.

CPA-SOUTHEAST FEST TECHNICAL ASSESSMENT REPORT

Title: WR# 49 Basrah Central Prison

Date:

30 July 2003

Time: 0830

Location: Ba

Basrah, Iraq

Grid Coordinates: QU 72396 73718

Inspectors:

20/00

On-Site Personnel/Security:

British hired security force

<u>Mission/Objective</u>: The objective of this project is to complete a detailed engineering assessment, a cost estimate, and sufficient documentation to assist in the tendering process for the renovation of this former military barracks to a medium to high security prison. The Basrah Central Prison is intended to hold 1000 to 1500 prisoners.

<u>Background/Description of Problem:</u> The existing military compound consists of twenty nine (29) buildings and a perimeter security wall. The compound was used to train Fedayeen soldiers before the war. The compound contains approximately 32,400 square meters of area inside the perimeter walls.

During the war the buildings were extensively looted. All windows, doors, water tanks, plumbing fixtures, furniture, appliances, electrical wiring and equipment, almost anything else that could be removed was removed. It appears that even the buried electric wires were removed. The entire metal roofing on one of the buildings was looted and part of the stone tile on another building was removed. Structurally the buildings are in very good condition with no war damage or fire damage.

Of the twenty nine (29) buildings fourteen (14) will be used to house the prisoners, nine (9) additional will be specifically used for the prisoners, three (3) will be used by the guards, three (3) will be used by the staff, and one (1) to house the generator and electric transformer. Some of the courtyards will be used as recreational areas for the prisoners.

Typical renovation items for the buildings will include new doors, new windows, general wall repairs, painting, new electric service line and breaker panel, electrical outlets, phone service, individual room air conditioning units, ceiling fans, and window security bars. Typical renovation items for the high security buildings will include barred windows, barred doors, bulkhead lights, fans in steel cage enclosures, reduced window and door sizes, tile removal from the floors, and basic toilets in the prisoner rooms. Most of the buildings will require new roof water tanks and new plumbing. The compound will have a backup generator and will be

connected to the water main need the street. The basic toilets will include an eastern toilet, a tap low to the floor, a drain, and privacy walls.

The perimeter wall is concrete and was raised to provide security until this project can be completed. The north perimeter presently is a common wall with some residential buildings. A second temporary perimeter wall was constructed until the issue with residential properties can be resolved. There is a security force at the compound that is also providing temporary security measures. This project will include constructing a new perimeter wall inside the existing wall to reinforce the existing. In addition to the perimeter wall there will be constructed 3 meter high security chain link fencing with security wire continuous along the top. This security fencing will subdivide the interior of the compound into different holding segments.

It is important that this prison compound be completed and ready to occupy as soon as possible.

Facts & Technical Details: The twenty nine building will be used as follows:

| Location / Building Designation | Number of Buildings | Total Square Meters |
|------------------------------------|------------------------|------------------------|
| | | |
| Administration | 1 | 167 |
| Medical | 11 | 374 |
| Reception | 1 | 309 |
| Staff and HQ | 1 | 750 |
| Visitor's | 1 | 376 |
| Kitchen and Recreation | 1 | 575 |
| Entrance Guard | 2 | 50 |
| Guard House | 1 | 28 |
| A-Wing & B-Wing | 8 | 2496 |
| C-Wing | 3 | 996 |
| A, B, & C Wing Bathrooms | 5 | 315 |
| Female Holding | 1 | 124 |
| Juvenile Holding | 1 | 194 |
| Segregation | 1 | 214 |
| Generator | 1 | 79 |
| TOTAL | | 7047 |

In addition to these twenty nine (29) buildings eight (8) guard towers will be built for addition security. These guard towers will be located between the perimeter wall and Sterile Area fencing. The floor of these guard towers will be at a level of four (4) meters.

There are several septic/holding tanks and manholes through the compound. These tanks will be removed and replaced with new tanks, drain lines, and cleanouts. The location of the tanks and the cleanouts will be outside of the fenced in areas for the prisoners. These septic/holding tanks will require periodic cleaning from an outside firm.

Two (2) water tanks will be installed at the Generator/Transformer/Water Tank building that will be supplied with water from the water main near the street. These two tanks will then provide water to the rest of the smaller water tanks through the compound. Circulation of water will be through water pumps at the Generator/Transformer/Water Tank building and at each of the individual buildings. The water supply to each of the building's bathrooms will be from individual water tanks on the buildings roof.

According to the local Iraqi working at the prison there never was electrical power into the prison compound. The facility was wired for electrical service, but it was never provided. There is a large substation approximately 700 meters to the north; a new main line with transformer will be required from this facility. The electrical supply to the compound will enter from the street on the east side and go directly to the Generator Building where all the control panels will be housed. New underground electric cables will go underground to each building from that point.

There is a limited amount of asphalt pavement within the compound perimeter walls. Portions of the asphalt pavement will require repairs and replacement. The only proposed new pavement is a section to the emergency (double doors) proposed in the Medical Building.

The buildings that will house the prisoners will require high security windows and doors. These windows and doors will be metal bars that will not allow the prisoners to stick an average hand through the grid openings. All windows, doors, and door frames will be metal with continuous weld fabrication. All attachment hardware will be tamper proof. All lights will be of the shatterproof bulkhead design. All rooms, that the prisoners will be in, will also have nightlights that cannot be adjusted or turned off by the prisoners. All fans will be enclosed in steel cages that have a grill covering to prevent handholds, points of anchorage, or places for attaching ligatures. All floor tiles will be removed and the floor covered with a screed layer of concrete so that the tile cannot later be removed by the prisoners and used as a weapon.

See attached site plan drawings for compound layout.

Observations:

There are 29 existing buildings. All but one of the buildings are one story. The building designated Staff and Regional Headquarters is a two story building. All of the buildings are of the typical brick construction with cement plaster facing. The roof and floor slabs are reinforced concrete on all the buildings except one. For the building designated the Visitor's Center the roofing was corrugated steel. The doors, windows, electrical, and plumbing have been looted from all the buildings. The removal of the door and window frames resulted in minor to moderate damage to the walls. In some of the buildings the floor tiles were removed. In the buildings designated the Visitor's Center and the Recreational Hall the suspended ceilings were removed and destroyed. All roof mounted water storage tanks along with the necessary piping and water pumps were looted. The yard area electrical cables and drainage piping were dug up and looted.

All the buildings are structurally sound. There were no buildings that show signs of settlement, overstress, water damage, poor construction, or general deterioration. To return the buildings to their original condition would vary on the extent of the damage done during the looting, but none of the buildings would require restoration due to poor design or poor construction practices.

Fourteen of the twenty-nine buildings will contain cells for the inmates. In these fourteen buildings the windows and doors will be replaced with high security windows and doors. The frames to these replacement items will be steel and will be securely mounted to the walls using tamper proof hardware. All the replacement lights in these buildings will be shatterproof bulkhead style light fixtures.

The perimeter wall is a solid wall constructed out of brick and faced with cement plaster. The British had this wall raised for security measures to protect the buildings from further looting. The strength of this wall is questionable. This wall needs to be reinforced with a second wall immediately inside of it and raised to a height of four (4) meters. On the top of this wall security measures must be installed to prevent someone from scaling over the wall.

The yard is open around all the buildings. This yard will require four (4) meter high security fence with razor wire on top to isolate the various blocks of prisoner holding areas. The area for men must be isolated from the area for the juveniles and the area for the women. Some limited grading will be required.

Portions of the yard have been paved with asphalt pavement. This pavement has been cut and damaged in various locations. Isolated repairs will be required. One new section of pavement will be required and that will be a strip to the Emergency door of the Medical Building.

There is no electric power to the site. A new power line and transformer will have to be installed from the substation, approximately 1000 km away. This power will be taken to the building designated as the Generator Building and distributed to the rest of the compound from that point. There is no backup generator and one has been included in this project.

Project Construction Management Team:

Π.

A project of this size will require a dedicated project construction management team overseeing the construction operations. This team in addition to overseeing the construction inspectors will be involved in the following tasks:

a. will review and approve or reject submitted shop drawings. b. will interpret the Contract Documents for the Contractor. will review and understand the contract documents to ensure that they C. are fully aware of and can communicate the project needs, d. will communicate with the Contractors and Subcontractors with regards to their project task specialty. will observe and document the progress of their portion of the project. e. f. will not act as supervisors or foremen but will bring deficiencies to the attention of the Contractor. will approve work completed. g. will approve change orders or submit a written request for the change h. based on the dollar value. will communicate with the other members of the Project Management İ. Team to coordinate the construction efforts, will prepare schedules for work tasks, phase deadlines, and completion. k. will review and approve pay estimates, will observe and document work safety conditions and bring the deficiencies to the attention of the Contractor and other Team members. m. will review test results and recommend follow up procedures.

The above list of tasks is a general list and is not all inclusive of all the tasks that will be required.

will prepare interim and final inspection checklists.

The Project Construction Management Team makeup and general tasks will consist of five (5) individuals:

- a. General Manager

 This individual will be in charge of overall project management, coordination, and administration. He will be responsible for the project being completed on schedule, within budget, and on time. He will be in communication with all the Team members on a continuous basis. The General Manager will have the authority to prepare, negotiate, and execute contract modifications.
- b. Site Manager

 This individual will be in charge of the site work which as a minimum will include the site grading, perimeter wall construction, security fence installation, interior roads, drainage pipes, water lines, septic/holding tanks.
- c. Electrical Manager

 This individual will be in charge of all the electrical requirements including underground wiring, building wiring including high security conditions, electric panels, electric

transformer, limit switches, generator, external power supply, exterior security lighting.

d. Systems Manager

This individual will be responsible for work such as the internal and external phone system, the alarm system, the alarm control panel, the sirens, system logistics, system start up, and ensure proper training of the personnel on how to use system.

e. Building Renovation

This individual will be responsible for work such as the building renovations that will require both typical and high security conditions, high security door and window installation, high security fan and enclosure installation, high security interior lighting installation, floor preparation in high security areas, roof restoration, internal plumbing, and external plumbing with water storage tanks,

It is estimated that a project of this size will take nine (9) months to a year to complete.

It is estimate that the overall project costs for this Team will be \$400,000.

General Tasks for Completion:

The tasks generally undertaken to bring this project to completion includes:

- FEST Team prepare preliminary assessment design report and preliminary cost estimate (this report),
- UK Project Manger/Administrator seek and secure the necessary funding,
- FEST Team prepare scope of work and contract documents,
- UK Project Manager solicit bids with guidance and assistance from Contractors, FEST and RIG has a list that can be consulted.
- 5. UK Project Manager and FEST Team evaluate bids
- UK Project Manager awards contract
- 7. UK Project Manager develops Project Construction Management Team

Attachments:

Appendices

- 1. Preliminary Cost Estimate Summary Sheets
- 2. Photographs

Preliminary Cost Estimate:

The preliminary cost estimate for the Basrah Central Prison is \$4,100,000. The break down of individual costs is as shown in the following table.

| Location Name | Number of Buildings | Total Square Meters | Estimated Cost |
|-------------------------|------------------------|---------------------------|----------------|
| Administration | 1 | 167 | \$16,000 |
| Medical | 1 | 374 | \$28,000 |
| Reception | 1 | 309 | \$21,000 |
| Staff and HQ | 1 | 750 | \$44,000 |
| Visitor's | 1 | 376 | \$37,000 |
| Kitchen and Recreation | 1 | 575 | \$32,000 |
| Entrance Guard | 2 | 50 | \$5,000 |
| Guard House | 1 | 28 | \$6,000 |
| Guard Towers | 8 | 72 | \$41,000 |
| A-Wing & B-Wing | 8 | 2496 | \$179,000 |
| C-Wing | 3 | 996 | \$152,000 |
| A, B, & C Bathrooms | 5 | 315 | \$45,000 |
| Female Holding | 1 | 124 | \$17,000 |
| Juvenile Holding | 1 | 194 | \$37,000 |
| Segregation | 1 | 214 | \$59,000 |
| Generator | 1 | 79 | \$8,000 |
| Yard & Security | 1 | 32380 | \$2,139,000 |
| Electrical Requirements | 29 | | \$500,000 |
| Project Management | | | \$400,000 |
| Contingency (10 %) | | | \$334,000 |
| TOTAL | | | \$4,100,000 |

Recommendations:

It is recommended that this project progress to completion. The site is very suitable for the intended purpose, it is available, and some preliminary work has already been completed. The buildings are in good condition structurally. Generally the building repairs required are the installation of doors, windows, electrical (wires, switches, fans, and fan controls), bathroom facilities, and water supply. In a few locations interior walls will be relocated and existing openings filled in. The most expensive items to complete relate to the high security measures, including the barred windows, barred doors, solid metal doors, security fencing, solid perimeter wall, security lighting, and guard towers. These security items would be required for any site chosen. Specialty items required include the internal alarm system and control panel and the internal phone system and switchboard.

The renovation of this facility could begin within a very short time frame after funds are made available for this project. Because of the diversity of the work involved, with renovating these twenty-nine buildings, the type of work required, and the time frame necessary to bring the project to a successful completion, it is imperative that a Project Construction Management

Team be utilized to oversee this project. The cost of the Project Construction Management Team is included in the preliminary cost estimate.

Because of the lack of adequate prison facilities in the southern provinces of Iraq, it is recommended that this project be approved for construction and put into operation as soon as possible.

It is possible that this project can be completed in phases in order to start utilizing the facility within the earliest possible time frame. The progression of this phased construction should be determined by the Project Construction Management Team. This Team would determine the most efficient and most cost effective phasing, scheduling, and utilization of the facility. However, the completion of this project in phases, while the site is being utilized, has the potential for increasing the overall projects costs by 5%.

| • | Submitted By: | 0.50% |
|---|---------------|------------------------|
| | Approved By: | (SM) |
| | | CPA S FEST Team Leader |

APPENDIX 1 PRELIMINARY COST ESTIMATES SUMMARY SHEETS

APPENDIX 2 PHOTOGRAPHS

