

Republic of the Philippines  
**DEPARTMENT OF EDUCATION**  
 Cordillera Administrative Region  
 Division of Baguio City  
 # 82 Military Cut - Off, Baguio City  
 Tel. No.: (074) 442 - 7819

PROJECT: REPAIR/REHABILITATION OF WATERLINES, SEWERLINES, AND WATER TANK  
 OFFICE : DIVISION OFFICE  
 LOCATION: #82 MILITARY CUT OFF BAGUIO CITY  
 OWNER: DEPARTMENT OF EDUCATION  
 SUBJECT: BILL OF QUANTITIES

| I.D. No. | DESCRIPTION   | UNIT  | QTY   | UNIT COST |       | TOTAL COST |       | GRAND TOTAL |
|----------|---|-------|-------|-----------|-------|------------|-------|-------------|
|          |   |       |       | MATERIAL  | LABOR | MATERIAL   | LABOR |             |
| I        | <b>GENERAL REQUIREMENTS</b>                                 |       |       |           |       |            |       |             |
|          | Mobilization/Demobilization/<br>Utilities and Services etc. | lot   | 1.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
| II       | <b>DIRECT COST</b>  |       |       |           |       |            |       |             |
|          | <b>SDS OFFICE</b>   |       |       |           |       |            |       |             |
| 12.00    | <b>Sanitary Works (Waterlines)</b>                          |       |       |           |       |            |       |             |
|          | PPR PIPE 1/2"dia x 4.00m.                                   | pc.   | 10.00 |           |       |            |       |             |
|          | PPR 1/2"dia. Fittings                                       | pc.   | 15.00 |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
| 14.00    | <b>Tile Works</b>   | sqm.  | 0.75  |           |       |            |       |             |
|          | Chipping of Concrete flooring                               | sqm.  | 1.00  |           |       |            |       |             |
|          | 20cmx20cm Unglazed  | pc.   | 10.00 |           |       |            |       |             |
|          | Portland Cement   | bag   | 2.00  |           |       |            |       |             |
|          | Fine Sand   | Cu.m. | 0.25  |           |       |            |       |             |
|          | Tile Grout 2kgs.  | bag   | 1.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
|          | <b>CID CHIEF OFFICE</b>                                     |       |       |           |       |            |       |             |
| 12.00    | <b>Sanitary Works (Waterlines)</b>                          |       |       |           |       |            |       |             |
|          | PPR PIPE 1/2"dia x 4.00m.                                   | pc.   | 2.00  |           |       |            |       |             |
|          | PPR 1/2"dia. Fittings                                       | pc.   | 7.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
| 14.00    | <b>Tile Works</b>   | sqm.  | 1.00  |           |       |            |       |             |
|          | Chipping of Concrete Wall                                   | sqm.  | 1.00  |           |       |            |       |             |
|          | 20cmx30cm glazed  | pc.   | 8.00  |           |       |            |       |             |
|          | Portland Cement   | bag   | 2.00  |           |       |            |       |             |
|          | Fine Sand   | Cu.m. | 0.25  |           |       |            |       |             |
|          | Tile Grout 2kgs.  | bag   | 2.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
|          | <b>SGOD CHIEF OFFICE</b>                                    |       |       |           |       |            |       |             |
| 6.00     | <b>Doors and Windows</b>                                    | lot   | 1.00  |           |       |            |       |             |
|          | Removal of Door and Jamb                                    | set   | 1.00  |           |       |            |       |             |
|          | Installation of Door and Jamb                               | set   | 1.00  |           |       |            |       |             |
| 12.00    | <b>Sanitary Works (Waterlines)</b>                          |       |       |           |       |            |       |             |
|          | PPR PIPE 1/2"dia x 4.00m.                                   | pc.   | 2.00  |           |       |            |       |             |
|          | PPR 1/2"dia. Fittings                                       | pc.   | 8.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |
| 14.00    | <b>Tile Works</b>   | sqm.  | 0.75  |           |       |            |       |             |
|          | Chipping of concrete Wall                                   | sqm.  | 1.00  |           |       |            |       |             |
|          | 20cmx 30cm glazed   | pc.   | 13.00 |           |       |            |       |             |
|          | Portland Cement   | bag   | 2.00  |           |       |            |       |             |
|          | Fine Sand   | Cu.m. | 0.30  |           |       |            |       |             |
|          | Tile Grout 2kgs.  | bag   | 2.00  |           |       |            |       |             |
|          | Sub-Total   |       |       |           |       |            |       |             |



|              |                                    |       |       |       |  |  |  |  |  |
|--------------|------------------------------------|-------|-------|-------|--|--|--|--|--|
|              | <b>PERSONNELS OFFICE</b>           |       |       |       |  |  |  |  |  |
| <b>12.00</b> | <b>Sanitary Works (Waterlines)</b> |       |       |       |  |  |  |  |  |
|              | PPR PIPE 1/2" dia x 4.00m.         | pc.   | 3.00  |       |  |  |  |  |  |
|              | PPR 1/2" dia. Fittings             | pc.   | 8.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
| <b>14.00</b> | <b>Tile Works</b>                  |       | sqm.  | 1.20  |  |  |  |  |  |
|              | Chipping of Concrete flooring      | sqm.  | 1.00  |       |  |  |  |  |  |
|              | 20cmx20cm Unglazed                 | pc.   | 12.00 |       |  |  |  |  |  |
|              | Portland Cement                    | bag   | 2.00  |       |  |  |  |  |  |
|              | Fine Sand                          | Cu.m. | 0.25  |       |  |  |  |  |  |
|              | Tile Grout 2kgs.                   | bag   | 2.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
|              | <b>IPED OFFICE</b>                 |       |       |       |  |  |  |  |  |
| <b>12.00</b> | <b>Sanitary Works (Waterlines)</b> |       |       |       |  |  |  |  |  |
|              | PPR PIPE 1/2" dia x 4.00m.         | pc.   | 3.00  |       |  |  |  |  |  |
|              | PPR 1/2" dia. Fittings             | pc.   | 11.00 |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
| <b>14.00</b> | <b>Tile Works</b>                  |       | sqm.  | 2.00  |  |  |  |  |  |
|              | Chipping of Concrete Wall          | sqm.  | 1.80  |       |  |  |  |  |  |
|              | 20cmx30cm glazed                   | pc.   | 15.00 |       |  |  |  |  |  |
|              | Portland Cement                    | bag   | 3.00  |       |  |  |  |  |  |
|              | Fine Sand                          | Cu.m. | 0.50  |       |  |  |  |  |  |
|              | Tile Grout 2kgs.                   | bag   | 3.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
|              | <b>ASDS OFFICE</b>                 |       |       |       |  |  |  |  |  |
| <b>12.00</b> | <b>Sanitary Works (Waterlines)</b> |       |       |       |  |  |  |  |  |
|              | PPR PIPE 1/2" dia x 4.00m.         | pc.   | 2.00  |       |  |  |  |  |  |
|              | PPR 1/2" dia. Fittings             | pc.   | 8.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
| <b>14.00</b> | <b>Tile Works</b>                  |       | sqm.  | 3.80  |  |  |  |  |  |
|              | Chipping of concrete flooring      | sqm.  | 3.50  |       |  |  |  |  |  |
|              | 20cm x 20cm Unglazed               | pc.   | 82.00 |       |  |  |  |  |  |
|              | Portland Cement                    | bag   | 5.00  |       |  |  |  |  |  |
|              | Fine Sand                          | Cu.m. | 0.80  |       |  |  |  |  |  |
|              | Tile Grout 2kgs.                   | bag   | 4.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
|              | <b>ICT OFFICE</b>                  |       |       |       |  |  |  |  |  |
| <b>12.00</b> | <b>Sanitary Works (Waterlines)</b> |       |       |       |  |  |  |  |  |
|              | PPR PIPE 1/2" dia x 4.00m.         | pc.   | 17.00 |       |  |  |  |  |  |
|              | PPR 1/2" dia. Fittings             | pc.   | 15.00 |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
| <b>14.00</b> | <b>Tile Works</b>                  |       | sqm.  | 0.80  |  |  |  |  |  |
|              | Chipping of Concrete Wall          | sqm.  | 0.80  |       |  |  |  |  |  |
|              | 20cmx30cm glazed                   | pc.   | 11.00 |       |  |  |  |  |  |
|              | Portland Cement                    | bag   | 2.00  |       |  |  |  |  |  |
|              | Fine Sand                          | Cu.m. | 0.25  |       |  |  |  |  |  |
|              | Tile Grout 2kgs.                   | bag   | 1.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
|              | <b>REPAIR OF G.I. TANK</b>         |       |       |       |  |  |  |  |  |
| <b>7.00</b>  | <b>Steel Works</b>                 |       | lot   | 1.00  |  |  |  |  |  |
|              | 5mmx75mmx75mm Angle Bar            | pc.   | 2.00  |       |  |  |  |  |  |
|              | Welding Rod                        | kg.   | 3.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |
| <b>13.00</b> | <b>Painting Works</b>              |       | sqm.  | 12.00 |  |  |  |  |  |
|              | Metal Surface                      | sqm.  | 12.00 |       |  |  |  |  |  |
|              | Primer, Red Oxide                  | gal.  | 1.00  |       |  |  |  |  |  |
|              | Enamel, Semi Gloss                 | gal.  | 1.00  |       |  |  |  |  |  |
|              | Paint Brush 4"                     | pc.   | 1.00  |       |  |  |  |  |  |
|              | Sub-Total                          |       |       |       |  |  |  |  |  |

|       |                                       |       |      |  |  |  |  |  |
|-------|---------------------------------------|-------|------|--|--|--|--|--|
|       | SECOND FLOOR COMMON C.R.              |       |      |  |  |  |  |  |
| 12.00 | Sanitary Works (Waterlines)           |       |      |  |  |  |  |  |
|       | PPR PIPE 1/2" dia x 4.00m.            | pc.   | 5    |  |  |  |  |  |
|       | PPR 1/2" dia. Fittings                | pc.   | 22   |  |  |  |  |  |
|       | 2" dia PVC PIPE                       | pc.   | 4    |  |  |  |  |  |
|       | 2" PVC PIPE FITTINGS                  | PC.   | 9    |  |  |  |  |  |
|       | Sub-Total                             |       |      |  |  |  |  |  |
| 14.00 | Tile Works                            | sqm.  | 2.2  |  |  |  |  |  |
|       | Chipping of concrete Flooring         | sqm.  | 1.6  |  |  |  |  |  |
|       | Chipping of concrete Wall             | sqm.  | 1.8  |  |  |  |  |  |
|       | 20cm x 20cm Unglazed                  | pc.   | 18   |  |  |  |  |  |
|       | 20cmx 30cm glazed                     | pc.   | 20   |  |  |  |  |  |
|       | Portland Cement                       | bag   | 4    |  |  |  |  |  |
|       | Fine Sand                             | Cu.m. | 0.75 |  |  |  |  |  |
|       | Tile Grout 2kgs.                      | bag   | 3    |  |  |  |  |  |
|       | Sub-Total                             |       |      |  |  |  |  |  |
| I     | GENERAL REQUIREMENTS                  |       |      |  |  |  |  |  |
| II    | DIRECT COST                           |       |      |  |  |  |  |  |
| III   | INDIRECT COST ____% OF (II)           |       |      |  |  |  |  |  |
| IV    | TAX 5% OF (II+III)                    |       |      |  |  |  |  |  |
| V     | TOTAL CONSTRUCTION COST (I+II+III+IV) |       |      |  |  |  |  |  |

Prepared by:

Bidder/Representative