



Name of Project : **KSU CONCRETE WATER TANK**  
 Location : **KSU BULANAo CAMPUS, BULANAo, TABUK CITY**

| ITEM | ITEMS OF WORK TO BE DONE  | UNIT | QUANTITY | SCOPE OF WORKS   |
|------|---|------|----------|--|
| 800  | CLEARING, GRUBBING AND LAY-OUT  | cu.m | 35.89    | clearing and lay outing of:<br>a. Footing<br>b. Groud tie beam<br>c. Gate valve housing<br>d. Footing and wall footing of power house  |
| 802  | STRUCTURE EXCAVATION  | cu.m | 94.61    | excavation of the following:<br>a. Footing<br>b. Groud tie beam<br>c. Gate valve housing<br>d. Footing and wall footing of power house   |
| 804  | EMBANKMENT  | cu.m | 6.76     | -covers the items specified in the plan<br>specified in the plan<br>-specs are as follows:<br>*Selected fill materials   |
| 900  | CONCRETE WORKS  | cu.m | 41.07    | -covers the items specified in the plan<br>a. Footing<br>b. Columns<br>c. Ground Tie Beam<br>d. Primary Beams<br>e. Cantilever Beam<br>f. Top Bottom Tank<br>g. Concrete Wall<br>h. Concrete Cover<br>i. Concrete gate valve housing' wall footing and wall<br>j. Concrete Power house' footing, wall footing, column<br>and slab on fill<br>specs are as follows:<br>portland cement<br>sand<br>gravel 1"<br>1/2" thk. plywood<br>form lumbers<br>common wire nails (assorted)<br>Water Proofing Compound |
| 404  | REINFORCING STEEL BARS  | kgs  | 6171.14  | -covers the items specified in the plan<br>all primary reinforcing bars shall be grade 60<br>all secondary reinforcing bars shall be grade 40<br>specs are as follows:<br>20mmø x 9m grade 60<br>20mmø x 6m grade 60<br>16mmø x 6m grade 40<br>12mmø x 6m grade 40<br>10mmø x 6m grade 40<br>Gi tire #16   |
| 403  | METAL STRUCTURES<br>(POST AND RAILINGS, BALLUSTERS AND GATE<br>VALVE HOUSE COVER) | lot  | 1.00     | -covers the items specified in the plan<br>a. Post and Railings<br>b. Balluster<br>c. Gate Valve Housing Cover<br>d. Steel Gate<br>specs are as follows:<br>GI PIPE- 32 dia. SCHED 40<br>16mm x 6m RSB (Grade 60)<br>Welding Rod<br>Enamel Black Paint<br>Epoxy Primer Paint<br>Paint Brush x 50   |

| ITEM | ITEMS OF WORK TO BE DONE  | UNIT   | QUANTITY | SCOPE OF WORKS   |
|------|---------------------------|--------|----------|--|
| 1027 | CEMENT PLASTER FINISH     | sq.m   | 46.96    | -covers the items specified in the plan<br>concrete power house<br>specs are as follows:<br>portland cement<br>sand  |
| 506  | MASONRY WORKS( CHB WALLS) | sq.m   | 23.48    | -covers the items specified in the plan<br>concrete power house<br>specs are as follows:<br>portland cement<br>sand<br>4" CHB<br>RSB 10mm dia x 6.0 m<br>Louver block              |
| SPL  | METAL WORKS (STEEL GATE)  | piece  | 2.00     | -covers the items specified in the plan<br>steel gate of the power house<br>specs are as follows:<br>1x1x3.5 angle bar<br>12mm square bar<br>1/2 cylindrical hinges<br>Welding Rod |
| 1100 | ELECTRICAL WORKS          | outlet | 1.00     | power outlet for the water tank<br>specs are as follows:<br>1. Circuit breaker 30 amperes<br>2. NEMA 3R box<br>3. grommet sealant  |
| B-2  | PROJECT BILLBOARD         | piece  | 1.00     | specs are as follows:<br>1/4"x4'x8' marine plywood<br>good lumber<br>tarpauline (4'x8')<br>CWN (assorted)  |

Prepared by:

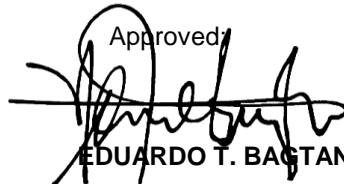
KSU INFRA. DEPARTMENT

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