CHAPTER 8

INSTITUTIONAL STRENGTHENING PLAN

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8. PAST FINANCIAL PERFORMANCE

8.1 General

This Chapter recommends the initial mechanisms, processes and structures needed to achieve the goals and targets of the sector.

· 8.1.1 Development Framework for the Sector ·

One basic institutional deficiency at the local level is the absence of a common goal and strategy for the sector. The Province has to set the specific goals, objectives/targets and strategy for the sector. While the province has a Physical Framework Plan, this is not sufficient to establish sector priorities and considering the problems besetting the sector, the province needs identify priority activities that must be funded.

8.1.2 Operating Policies

The following general policy and strategy statements as established already in the PW4SP could form the initial policy set for sector for adoption and approval by the Provincial Government:

- Sustainability shall be promoted through community-based organizing, training and information dissemination to increase willingness to organize, willingness to pay and willingness to learn O&M of facility;
- Criteria for selection and prioritizing projects to the community should consider sustainability factors and should be based on the demonstrated commitment of the beneficiaries to participate in the project, the current needs for water and sanitation and overall health conditions, potentials for growth and costs;
- Appropriate service level shall be determined based on sustainability parameters, goals and purposes of the Province, the needs of the community based on demographics and demonstrated capacity and willingness to participate in the project by the communities;
- Technology to be used for the projects shall be appropriate to the local conditions and resources. Upgrading of existing systems and facilities will be promoted based on needs of the community. In urban areas, a range of technologies may be needed integrating wastewater collection and treatment, as well as drainage;

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- All projects developed by the LGU must involve an integrated approach to the provision of potable water supply, sanitation and hygiene education;
- Cost Recovery and Cost Sharing (Subsidy Policies). The LGU shall enforce a rational and consistent policy on the application of subsidies and loans for water supply and sanitation;
- Private Sector Participation policies and incentives shall be primarily encouraged, but regulated by the LGU. The LGU should take measures to institutionalize its regulatory functions in order to regulate private water service providers;
- In terms of financing, capital costs generally used to construct water supply projects shall be financed mainly out of the concerned LGU's own resources given that in ARMM, non-devolved services provide the LGUs with surplus funds;
- Concerns for environmental protection and management including water pollution control, conservation and proper utilization of water and land resources should be part of the LGU's programs;
- Policies to be formulated should be gender-responsive. The different aspects of the sector project technical, economic, financial, institutional and community participation should provide for equal participation of women and men in the beneficiary community.

8.1.3 Regulatory Policies

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In coordination with appropriate national and local agencies, the LGU shall endeavor to set up a coordinated regulatory framework on the following:

- Water allocation and water rights policies and rate review, which are within the mandate of the National Water Resources Board.
- Water Service Providers Registration/Accreditation The LGU shall adopt a registration and franchising system for water service associations/ providers: Annual reporting requirements will have to be established for monitoring and auditing purposes.

Water Quality - The LGU will have to establish a viable mechanism, including water testing and standards enforcement, to ensure that water delivered meet the potability standards set by the National Drinking Water Standards. The DOH currently has the responsibility and the regulatory power to stop the operations of water systems not delivering potable water. The LGU shall establish Water Surveillance Program thru the creation of a Local Drinking Water Quality Monitoring Committee (per Implementing Rules and Regulations of Chapter II, Water Supply, of the Code of Sanitation of the Philippines, P.D.856).

8.2 Institutional Arrangements

In the medium-term, a full-time Provincial (WATSAN) Sector Team (PST) to provide a focal point in the Province shall be set up for coordination, monitoring and institution-building. The LGU should ensure that adequate logistics and incentives are provided. This may be replicated at the municipal and barangay level of the LGU.

In the long term, the PST may be formed as a Provincial Water and Sanitation Office (PWSO) under the office of the Chief Executive of the LGU. For LGU-run water systems, this would be the office of the economic enterprise within the LGU with duties and functions beyond coordination and monitoring. It would become the focal point of WATSAN activities of the Province and coordination and monitoring of all WATSAN activities would emanate from that office. It would also be the regulating arm of the Province for all WATSAN activities within its provincial jurisdiction. This should be replicated at the municipal level. A PMO for water supply and sanitation at the DILG-ARMM to provide technical and managerial assistance in the formative years of the PST/PWSO is highly recommended to be set up.

Both the Province and Municipality may set up such a Team (for the medium-term) or Office (for the long-term) in their respective LGUs.

With the devolution of water supply and sanitation to the LGU, the DPWH-DEO-ARMM may still provide technical services at cost and in competition with other private contractors. Sharing of resources (equipment and staff) with the LGU at cost may be looked into subject to policy decision and guidelines approved at the national level.

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The initial professional-level staffing of the PST/PWSO is estimated, as follows:

| \$ | Provincial Water Supply & Sanitation Coordinator | 1 |
|----------|---|----------|
| ب | Community Development, Gender & Training Specialist | 2 |
| \$ | Water Supply & Sanitation Engineer | 2 |
| ٥ | Monitoring and Evaluation Specialist | <u>1</u> |
| \$ | Total Personnel Required | б |

The recommended roles for the various staff positions are as follows:

- The Provincial Waterworks & Sanitation Coordinator shall lead an interdisciplinary Provincial Sector Team, shall be responsible for coordination and supervision of all development planning, implementation, monitoring and evaluation, database development and progress reporting of all activities in the water supply and sanitation sector, shall also liaise with all project implementers and key players in the sector and shall be the key contact person of the DILG for WATSAN concerns.
- The Community Development, Gender and Training Specialist shall be responsible for implementing community organizing and community participation aspects of the sector with a gender-responsive approach, shall be responsible for developing and implementing community-based programs and activities for the sector in the various barangays and municipalities, including criteria for community and site selection, conducting regular dialogues and disseminating information among local leaders on water supply, sanitation and health and hygiene education program province-wide, shall oversee accreditation of community-based organizations responsible for the water supply and sanitation facilities, and shall annually review past training programs and develop and implement the province's training programs for water supply and sanitation, hygiene and sanitation education, and community organization and development, including any manuals or other training materials used.
- The Water Supply and Sanitation Engineer shall be responsible for all the technical aspects of the project including feasibility studies, design, construction, operation and maintenance, review of the existing technical and environmental situation relating to WSS facilities, proper construction supervision and monitoring in coordination with the municipal liaison, adequate maintenance of LGU equipment and tools for water and

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sanitation facilities, including drilling rigs and vehicles supervise major repair or rehabilitation work beyond the capacity of communities to undertake and implement. in coordination with the IPHO, the water quality surveillance system.

 The Monitoring and Evaluation Specialist shall assist the Coordinator in all monitoring and evaluation activities including development of database and data processing and reporting for baseline, monitoring and evaluation data.

The same can be done at the municipal level, with the Municipal Waterworks and Sanitation Coordinator also acting as Sector Liaison for the municipality to the Province.

At the barangay level, the Barangay Councils will continue to play a major role in fulfilling the community's aspirations for improved water and sanitation services. It will play a key role particularly in the preparatory stages before the organization of the association (or the appointment of the responsible group). By default, many of the previously failed systems have ended up as responsibilities of the barangay councils. Although the Councils will not have any supervisory role over the associations operating the water systems, it is important that they monitor the performance of the associations.

8.3 **Project Management Arrangements**

8.3.1 Levels I and II

Project Selection. A community-responsive approach should be used as primary process for project selection. The initiative of the community should be encouraged. All barangays should be properly and consistently informed about sector opportunities and policies by the Provincial through its municipal LGUs. The barangays should take the first step by assessing their needs, deciding that they want to improve their water and sanitation above all other needs and express this needs to the Municipal LGU's WATSAN Unit. The barangay should also decide on desired service levels, with a full understanding of the cost recovery aspects and other responsibilities.

Organization of associations. More flexibility is needed in order to tap into local community resources. The basic principle is for the community to agree on what type of organization, association, community-based organization, cooperative, etc. they want to form in preparation for accepting the responsibility for the facilities. Existing community-based groups with an

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active track record and with leaders and members who are ready, willing and able to take on the O&M functions may be tasked with the responsibility for the facilities. LGUs will assess the readiness of the communities and approve the arrangements and accredit the organization. Failure of community-based organizations to live up to their responsibilities can be grounds for removing their accreditation and giving the responsibility to another accredited group. The organization can decide how to organize itself internally in coordination with the municipal liaison ensuring that roles, responsibilities and accountabilities are adhered.

Technology and Technical Design Standards. The former Rural Waterworks Development Corporation (whose functions were absorbed by LWUA) and the DPWH have developed a simplified procedure for conducting the initial data gathering. The format used is recommended for adaptation by the LGUs. These forms can also be revised to suit the specific needs of the LGU.

For Level II systems, technical standards have been in use by LWUA for RWSAs and by DPWH. As these are considered as national standards, their adoption is recommended.

8.4 Community-Based Organizations

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The traditional view of communities as mere beneficiaries and recipients of projects has been undergoing changes and transformation in recent years through the policy reforms and transition in the sector. Communities are now provided avenues for more participation in terms of decision-making and initiation of resolution of issues in critical aspects of the sector's project management and implementation.

This implies the need for the LGU to establish an institutional mechanism at the provincial and municipal levels to enhance trust and confidence of communities on its ability for provision of such basic services as water supply and sanitation. Communities will be encouraged to collectively take stock of their resources and constraints and agree on a development program appropriate for their needs.

The LGU shall promote the participation of NGOs, people's organizations (POs), and community-based organizations (CBOs) to catalyze the involvement of women, youth, people's organizations (POs) and other segments of the community in project decision-making and management. It will focus on the role of women in the context of the design of institutional

arrangements at all levels. Towards increasing community involvement, the LGU shall develop a community-based implementation strategy and delivery mechanism to ensure the sustainability of sector projects. It shall review the roles and responsibilities of central and local government, NGOs, the private sector and communities themselves. It shall assess the community participation activities and related institutional arrangements of past community projects and recommend workable community participation approaches.

8.5 Human Resources Development Training

The main objective for training human resources is to improve individual competence, organizational effectiveness and efficiency, and espouse national development. Training is a function and a responsibility of every leader. It ensures the availability of qualified and able manpower, the shortage of which is considered as one of the major obstacles to improvements in the water supply and sanitation sector.

Training shall be designed and implemented for implementers, planners from national level to regional to LGUs and down to the community level. Needs Assessments will be conducted as the basis for the design of the courses. Participants will be selected based on the their tasks and responsibilities. The PST/PWSO shall establish and maintain a reference library and information/documentation center and shall include training materials and equipment to service needs of the municipalities. The DILG-ARMM shall provide inputs to these training activities.

The LGU role is not to run courses but to ensure that training programs take place and are effective. Actual training activities may be organized or contracted out to well-functioning water districts and government-accredited training, technical and vocational schools. Training may cover but should not be limited to the following areas: source development principally for deep wells, shallow wells, spring development and surface water intake structures, operation and maintenance, plumbing and pipe-laying and basic hydraulics, bookkeeping and management and special courses for water and sanitation caretakers.

8.6 Health and Hygiene Education

The LGUs shall establish an on-going hygiene education program through appropriate methods and channels. These shall include immediate short-run programs: information campaigns; as well as, long-term value formation interventions, possibly through the formal school system.

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Household and individual hygiene practices, such as hand washing, in house water storage, etc.. are part of benefit assessment since these are part of improvement in lifestyle and practices. Three approaches are recommended:

- Community-based Approach: Direct house-to-house campaigns can be implemented through the Rural Health Units as part of their current functions. Special presentations can also be done during the regular meetings of community-based socio-civic clubs. Multi-media presentations may be developed and prepared for information dissemination and campaign.
- School-based Approach: Students are the main targets of this approach, either directly or through their teachers. Special focus activities, such as Water and Sanitation Week or Nutrition Week can be introduced with programs or convocations to make the student aware of the issues and solutions. Posters, flip charts, and other audio-visual materials would be helpful.
- Media-based Approach: This approach utilizes radio and print media to introduce and reinforce health messages. Many NGOs and the Philippines Information Agency (in coordination with the DOH) have developed interesting and attractive materials.

The community development specialist at the PST/PWSO shall be given the responsibility for the health and hygiene education function. The CDS will formulate an action plan; implementation will be done with the municipal liaison staff and other local officials. At the barangay level, its implementation will involve the close coordination among the midwives, the barangay health workers and the Committee on Health of the barangay council. Materials for this efforts have been previously developed and can be found with the various PHOs and RHUs. UNICEF has provided strong support in the preparation of these materials.

A continuous health and hygiene education program will be launched by the LGU. Simple, clear messages and approaches will have to be defined. These messages may include the following: Relationship among health, water supply and sanitation; sector opportunities; services available at the rural health units. For Levels I and II systems, the protection of household storage containers from contamination; hand washing; conservation; pay bills/fees on time; etc. The relevance of these, or other messages will have to be determined by the PST/PWSO.

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8.7 Gender and Development

Consistent with the national policy of fundamental equality of men and women before the law, as well as of providing equal opportunities to both genders, the water supply and sanitation sector shall promote the full participation of men and women in all the phases of the project development cycle. Sustainability of the WATSAN facilities shall be achieved through the partnership of men and women, and their total involvement in its management, operation and maintenance. The socio-cultural norms and practices in the Province, however, should be taken into consideration in conceptualizing gender-responsive influences in the WATSAN institutional set-up in the Province. Nevertheless, women should be encouraged to participate in all aspects and phases of the project cycle.

A gender-responsive approach should consider the following:

- The training of the LGU officials and employees from the regional, provincial, municipal and barangay levels on gender and development.
- The conscious integration of gender concerns in all aspects of project development, that is, from project identification, planning, design and implementation, where the unique needs and requirements of both genders are recognized.
- The equal representation and distribution of responsibilities to the men and women of the beneficiary community, particularly in sharing work, making decisions, cooperation and control of activities such as but not limited to institutional and CD structures and processes, the organization and management of the WATSAN facilities, the training of managers, operators and maintenance personnel.

To provide the LGU insight on how to conceptualize gender-responsive approaches in the Province, it shall conduct a provincial survey to review the role of women in the context of the design of the community participation structure of the project. The review shall include: brief overview of women's socio-economic situation and their role in water and sanitation; gender analysis; analysis of relevant NGOs, women's groups and private agencies that will support community and women's activities; assessment of support action for women's participation essential for project sustainability; and proposed steps to enhance women's role and participation in the project.

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CHAPTER 9 COST ESTIMATES FOR FUTURE SECTOR DEVELOPMENT

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9. COST ESTIMATES FOR FUTURE SECTOR DEVELOPMENT

9.1 General

The total investment cost required for the two-phased implementation as identified in Chapter 7 is defined to include direct costs for construction of required facilities and sector management, as well as physical and price contingencies. Cost requirements for the equipment and vehicle are considered for O& M and long-term development.

Conditions and assumptions used to come up with investment costs covering all sub-sector components were established in coordination with concerned provincial and municipal LGUs and to current standards of relevant sector agencies like the DILG, LWUA, DOH and DPWH.

With regards to construction cost, unit costs per person/household facility were prepared under contract-out basis for respective sub-sector component facilities in current 2003 price levels.

9.2 Assumptions for Cost Estimates

9.2.1 Unit Construction Cost

The unit construction cost per person, household, or facility of each sector component was established based on the PW4SP study's unit analysis model for each component. The unit price of the items of work for each component was escalated at 2%. But the unit price of water sources was based on the latest implementation cost of PW4SP project.

Unit construction costs consist of direct cost (mobilization/demobilization, material and labor), indirect cost profit and inclusive taxes

Freight cost of construction materials, excluding locally available materials such as sand and gravel, was considered for sanitation and water supply facilities in consideration of the hauling distance from Manila. The cost is estimated as fixed percentage (11%) based on the standard practice being adopted by other agencies. Table 9-1 shows a summary of unit construction costs and their descriptions are given in the succeeding paragraphs and details of which is presented in Appendix 9.1.1 to Appendix 9.1.13.

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| | | Unit Construction | Service Co | overage | Unii | t Cost |
|--------------------|-----------------------|---------------------------------|----------------------|---------------------------|------------------|--------------------------|
| | Sector Service Level | Cost per Facility (Pesos) | Served Population | Served House- holds | Pesos/ Person | Pesos/ House- hold |
| ly l | Level III | | | | | |
| ddn | New System | | | | | |
| r S | For 5,000 Population | 23,261,531 | 5,000 | N/A | 4,652 | N/A |
| 'atc | For 10,000 Population | 35,852,859 | 10,000 | N/A | 3,585 | N/A |
| Urban Water Supply | Expansion | | | | | |
| bai | For 5,000 Population | 21,711,488 | 5,000 | N/A | 4,342 | N/A |
| 5 | For 10,000 Population | 34,302,816 | 10,000 | N/A | 3,430 | N/A |
| | Level II | | | | | |
| <u>v</u> | Deep Well Source | 950,200 | 600 | 120 | 1,584 | 7,918 |
| Rural Water Supply | Spring Source | 1,154,509 | 600 | 120 | 1,924 | 9,621 |
| Su | Level I | | | | | |
| Iter | Deep Well | | | | | |
| M ² | 30 meter depth | 164,000 | N/A | 15 | N/A | 10,933 |
| ral | 50 meter depth | 198,000 | N/A | 15 | N/A | 13,200 |
| Ru | 70 meter depth | 314,000 | N/A | 15 | N/A | 20,933 |
| | Shallow well | · · | | | | |
| | 10 meter depth | 72,000 | N/A | 15 | N/A | 4,800 |
| ļ | 20 meter depth | 105,000 | N/A | 15 | N/A | 7,000 |
| _ | Household Toilet | | | | | |
| tior | Flush | 4,871 | N/A | 1 | N/A | 4,871 |
| Sanitation | Pour Flush | 653 | N/A | 1 | N/A | 653 |
| Sar | Public School Toilet | 271,000 | 271,000 | N/A | N/A | N/A |
| | Public Toilet | 342,000 | 342,000 | N/A | N/A | N/A |

Table 9-1Unit Cost of Facilities by Type and Service Level

Urban water supply

- Unit cost for two sizes of Level III system covering served population of 5,000 and 10,000.
- Unit cost for Level III was estimated utilizing deep well sources. In case of spring source, it is desirable to confirm transmission lengths during the implementation stage.

Rural water supply

 Unit cost for five types of Level I wells (shallow wells at 10 and 20m depths and deep wells at 30, 50 and 70m depths).

- Unit cost for deep well was estimated using open-hole gravel packed method. Natural gravel pack wells may be considered only after initial implementation when soil formation in prospective sites shall have been established and identified. Facilities requiring appropriate Iron Removal System, and its cost, will be identified during the detailed study.
- Unit cost for Level II system covers 600 served population.

Sanitation

- Unit cost for two types of sanitary toilets, the flush and the pour flush to accommodate one served household in urban and rural areas. Cost of toilet includes only the cost of toilet bowls or water closet.
- Public School Toilet: unit cost includes the whole structure, septic tank and facilities.
 One toilet is designed with three squat type and two sit type toilet bowls to cover 250 served students. The structure is made of concrete materials, GI roofing, tiled floor and walls (part) and painted. The unit cost also includes one shallow well.
- The Public toilet unit cost includes the whole structure, septic tank and facilities: One toilet is designed with six toilet bowls and three urinals. The structure is made of concrete materials, GI roofing, tiled floor and walls (part) and painted.

Price Escalation

• PW4SP price level in 1999 adjusted to current 2003 prices at 2% per annum.

Unit Cost of Equipment

The unit cost of equipment shown below was prepared using current standard procurement cost.

| Name of Equipment | Unit Cost (Pesos 1,000) |
|---|-------------------------|
| Truck-mounted rotary drilling machine | 34,978 |
| Truck-mounted percussion drilling machine | 27,691 |
| Well rehabilitation equipment | 303 |
| Service truck with crane | 1,299 |
| Support vehicle (Pick-up with winch) | 639 |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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Sector Management Cost

Sector management cost consists of: the following:

- Engineering studies (F/S, D/D and construction supervision) for water supply, public toilet and school toilet facilities. Community development and training including health and hygiene education and logistic support.
- Cost of engineering studies was estimated based on fixed percentages of 9% for F/S and D/D and 4% for construction supervision of the total direct cost
- Community development and training with logistic support was also estimated at 12% of respective construction costs for rural water supply and sanitation and 3% of construction cost for urban water supply and sanitation.
- Contingency cost covers both physical and price contingencies for water and sanitation facilities. Physical contingency is assumed to be 15% of the direct construction cost.
 Price contingency is assumed to be 10% of the direct cost and physical contingency.

9.3 Cost of Required Facilities and Equipment

The total construction cost of required facilities as public investment of LGUs are shown in Table 9-3 while the summarized costs are shown in Table 9-4 by municipality for each target year. The details of the cost estimates are presented in Appendix 9.3.1 to Appendix 9.3.4.

During the 2005 Medium Term Development period, a total of 2.078 billion pesos will be required for construction of required facilities. Of the requirements, urban and rural water supply will share 16 % and 78 %, respectively. The remaining 6% will be required for urban and rural sanitation.

The number of sets of equipment required was estimated based on the town clustering of the province. In the province of Maguindanao, three clusters of towns were made. Cluster I are the towns going to Shariff Aguak and four sets of equipment are allocated. Cluster II are towns going to Pagalungan, one set of equipment is allocated. Cluster III are towns going to Parang and three sets of equipment are allocated. The total cost of equipment to be procured by the province is shown in Table 9-5.

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|--|---|--|--|---|---|---|---|---|--|--|--|---|--|---|--|
| ļ | | | U | ban Area | ··· | Pha | se I (2005- | -2010) Requ | irement | R | ural Area | al Area | | | |
| Municipality | v v | ater Supp | | | San | itation | | | Water Suj | | | Sani | tation | | |
| | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | |
| 1 Ampatuan | 0 | 7,704 | 0 | 0 | 188 | 398 | 502 | 0 | 9,421 | 63,154 | 0 | 979 | 1,325 | 0 | |
| 2 Barira | 0 | 6.627 | 0 | 0 | 77 | 398 | 502 | 0 | 1,834 | 43,108 | 0 | 209 | 8,814 | 0 | |
| 3 Buldon | 0 | 6,528 | 0 | 0 | 45 | 398 | 502 | 0 | 6,643 | 77,314 | 0 | 501 | 2,236 | 0 | |
| 4 Buluan | 35.135 | 0 | 0 | 402 | 0 | 398 | İ 502 | 34.675 | 0 | 30,111 | 0 | 169 | 5,691 | 0 | |
| 5 Datu Odin Sinsuat | 0 | 4,579 | 16,681 | 2,164 | 103 | 398 | 502 | 0 | 17,706 | 188,822 | 4,908 | 1.567 | 4,156 | 0 | |
| 6 Datu Paglas | 0 | 3,315 | 0 | 0 | 42 | 398 | 502 | 0 | 1,602 | 36,361 | 0 | 347 | 1,204 | 0 | |
| 7 Datu Piang | 29,671 | 0 | 0 | 657 | 0 | 573 | 502 | 0 | 0 | 43,857 | 0 | 263 | 0 | 0 | |
| 8 Datu Saudi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,796 | 41,282 | 0 | 334 | 570 | 541 | |
| 9 Datu Unsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,474 | 15,851 | 0 | 467 | 0 | 541 | |
| 10 Gen. S. K. Pendatun 11 Guindulungan | 0 | 4,741 | 4,145 | 0 | 177 | 398 0 | 502 | 0 | 10,816 | 28,255 | 0 | 731 | 734 | 0 | |
| 12 Kabuntalan | 0 | 5,206 | 905 | 0 | 87 | 1,591 | 502 | 0 | 0 | 47,893 43,069 | 0 | 370 | 2,333 | 541 | |
| 13 Mamasapano | 0 | 0,200 | 1,242 | 0 | 7 | 398 | 502 | 0 | 5,968 | 23,146 | 0 | 166 | 3,199 856 | 0 | |
| 14 Matanog | 0 | ů 0 | 0 | 0 | 38 | 398 | 502 | 0 | 10,001 | 12,258 | 0 | 264 | 5,114 | 0 | |
| 15 Pagagawan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29,439 | 0 | 49,316 | 834 | 705 | 1,927 | 541 | |
| 16 Pagalungan | 23,492 | 0 | 2,048 | 2,849 | 74 | 398 | 502 | 0 | 0 | 51,438 | 0 | 1.594 | 1,351 | 0 | |
| 17 Paglat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,193 | 0 | 91 | 429 | 541 | |
| 18 Parang | 22,618 | 3,553 | 83,373 | 3,123 | 241 | 795 | 502 | 0 | 0 | 137,643 | 1,038 | 492 | 869 | 0 | |
| 19 Shariff Aguak | 10 | 0 | 0 | 2,172 | 0 | 0 | 502 | 19.835 | 4,860 | 28,989 | 2,652 | 667 | 641 | 0 | |
| 20 South Upi | 22.447 | 0 | 16,288 | 1,761 | \$9 | 0 | 502 | 0 | 0 | 124,651 | 0 | 680 | 573 | 0 | |
| 21 Sultan Kudarat | 0 | 0 | 759 | 1,619 | 0 | 0 | 502 | 12.126 | 2,031 | 84,952 | 6,576 | 1,311 | 2,841 | 0 | |
| 22 Sultan Mastura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,239 | 26,117 | 0 | 486 | 825 | 541 | |
| 23 Sultan Sa Barongis | 0 | 5,622 | 1,125 | 0 | 269 | 1,193 | 502 | 0 | 0 | 53,644 | 0 | 1.626 | 2,019 | 0 | |
| 24 Talayan | 0 | 3,889 | 2,120 | 0 | 89 | 398 | 502 | 0 | 1,987 | 41,718 | 0 | 467 | 1,360 | 0 | |
| 25 Talitay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52,479 | 0 | 704 | 6,449 | 541 | |
| 26 Upi | 20,685 | 0 | 0 | 0 | 63 | 398 | 502 | 0 | 0 | 78,205 | 0 | 642 | 2,839 | 0 | |
| Total Provincial | 154,058 | 51,764 | 128,685 | 14,747 | 1.589 | 8,924 | 9.535 | 96.075 | 84,377 | 1,434,826 | 16.008 | 16,251 | 58,356 | 3.786 | |
| | | | | | | , | · | | • .,• . | | | 1 | | | |
| | | | | | | Phas | е П (2010- | | | -,,-,, | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | Ur | ban Area | | Phas | е II (2010- | 2015) Requ | | | ral Area | | | <u> </u> | |
| Municipality | w | ater Suppl | | ban Area | Sani | Phas | е II (2010- | 2015) Requ | | Ru | · · · · · · · · · · · · · · · · · · · | Sanit | | | |
| Municipality | | | y | | НН | tation | | 2015) Requ | irement | Ru | ral Area | Sanit | ation | | |
| Municipality | W Level III. | ater Suppl | | ban Area HH Flush | HH Pour | | e II (2010- Public Utilities | 2015) Requ | irement | Ru | · · · · · · · · · · · · · · · · · · · | | | Public | |
| | Level III . | Level II | ly Level 1 | HH Flush | HH Pour Flush | tation Public School | Public Utilities | 2015) Requ Level III | irement Water Sup Level II | Ru ply Level 1 | ral Area HH Flush | Sanit HH Pour Flusb | ation Public School | Public Utilities | |
| ł Ampatuan | Level III . 0 | Level II 2,312 | ly Level 1 1,067 | HH Flush 0 | HH Pour Flush 151 | tation Public School 398 | Public Utilities | 2015) Requ Level III 25.225 | irement Water Sup Levei II 10,121 | Ru ply Level 1 53,015 | ral Area HH Flush 963 | Sanit HH Pour Flusb 675 | ation Public School 476 | Public Utilities | |
| 1 Ampatuan 2 Barira | Level III . 0 0 | Level II 2,312 1,410 | ly Level 1 1,067 0 | HH Flush 0 0 | HH Pour Flush 151 152 | tation Public School 398 398 | Public Utilities 502 502 | 2015) Requ Level III 25.225 0 | irement Water Sup Level II 10,121 547 | Ru ply Level 1 53,015 44,599 | ral Area HH Flush 963 0 | Sanit HH Pour Flusb 675 442 | ation Public School 476 355 | Public Utilities 0 0 | |
| ł Ampatuan | Level III . 0 | Level II 2,312 | ly Level 1 1,067 | HH Flush 0 0 | HH Pour Flush 151 | tation Public School 398 | Public Utilities 502 502 502 | 2015) Requ Level III 25.225 0 26.556 | irement Water Sup Levei II 10,121 | Ru ply Level 1 53,015 44,599 84,913 | ral Area HH Flush 963 0 0 | Sanit: HH Pour Flusb 675 442 904 | ation Public School 476 355 1,301 | Public Utilities 0 0 0 | |
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| i Ampatuan 2 Barira 3 Buldon 4 Buluan | Level III 0 0 0 8.620 | Level II 2,312 1,410 2,774 0 | ly Level 1 1,067 0 3,807 0 | HH Flush 0 0 1,798 1,984 0 | HH Pour Flush 151 152 204 0 | tation Public School 398 398 398 0 | Public Utilities 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 | irement Water Sup Level II 10,121 547 0 | Ru ply Level 1 53,015 44,599 84,913 | ral Area HH Flush 963 0 0 | Sanit: HH Pour Flusb 675 442 904 | ation Public School 476 355 1,301 | Public Utilities 0 0 0 0 | |
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| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Piang 8 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan | Level III 0 0 8.620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 0 1,391 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 0 4,641 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 0 0 260 0 | tation Public School 398 398 0 0 398 398 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 502 502 0 0 502 0 0 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 | ral Area HH Flush 963 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 148 210 544 1,077 632 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 0 | Public Utilities 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
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| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 8 Datu Saudi 9 Datu Unsay 10 Gen, S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan | Level III 0 0 8.620 0 0 8.951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 0 1,391 0 1,843 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 4,27 0 0 0 4,641 0 1,915 1,250 5,058 0 4,021 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 260 0 0 260 0 155 17 78 0 0 61 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Urilities 502 502 502 502 502 502 0 0 502 0 502 0 502 0 502 0 502 0 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 0 0 1,546 3,306 0 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 | ral Area HH Flush 963 0 0 0 4,575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit: HH Pour Flush 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 0 591 650 650 650 860 199 948 1,114 1,028 | Public Utilities 0 0 0 0 0 0 0 0 541 0 0 541 0 0 0 541 0 0 0 541 0 | |
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| Ampatuan Barira Barira Buldon Buluan Datu Odin Sinsuat Datu Paglas Datu Paglas Datu Saudi Datu Unsay Datu Unsay Gen, S. K. Pendatun Gen, S. K. Pendatun Gandulungan Amasapano Adamasapano Adamasapano Adamasapano Adamasapano Sagagawan Adamasapano Sagagawan Pagalungan T Paglat Shariff Aguak | Level III 0 0 8.620 0 8.951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 0 1,843 0 0 0 1,843 0 0 0 1,843 0 0 0 0 1,606 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 955 811 0 0 0 0 0 0 0 0 0 0 0 260 0 0 155 17 78 0 0 61 0 0 71 0 0 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 502 0 0 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 0 1,546 3,306 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 | ral Area HH Flush 963 0 0 0 4,575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 1,471 672 1,48 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 0 591 650 860 199 948 1,114 1,028 0 835 298 | Public Utilities 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 0 541 0 0 541 0 0 0 541 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen, S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalat 18 Parang 19 Shariff Aguak 20 South Upi | Level III 0 0 8.620 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 155 17 78 0 0 61 0 0 71 0 94 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 0 502 502 5 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 1,546 3,306 0 0 1,546 3,306 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,207 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 | ral Area HH Flush 963 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flush 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 0 591 650 860 199 948 1,114 1,028 0 835 298 229 | Public Utilities 0 0 0 0 0 0 0 0 0 541 0 541 0 0 541 0 0 541 0 0 541 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,503 1,070 0 0 0 1,391 0 1,843 0 1,843 0 0 0 0 0 0 1,843 0 0 0 0 1,645 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 427 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 260 0 155 17 78 0 0 61 0 61 0 71 0 94 0 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 1,546 3,306 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 | ral Area HH Flush 963 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 143 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 265 265 265 265 26 | Public Utilities 0 0 0 0 0 0 0 0 0 0 541 0 541 0 541 0 541 0 541 0 0 541 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagaguwan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Mastura | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 1,843 0 0 1,843 0 0 1,843 0 0 0 1,00 0 0 1,605 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 427 0 0 427 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 204 0 95 31 0 0 0 260 0 260 0 155 17 78 0 61 61 0 71 0 94 0 0 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 0 502 502 5 | 2015) Requ Level III 25,225 0 26,556 8,507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 1,546 3,306 0 0 0 0 0 0 0 0 1,232 0 0 771 1,313 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 | ral Area HH Flush 963 0 0 0 0 4,575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 143 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 910 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 265 265 265 265 26 | Public Urilities 0 0 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 541 0 0 541 0 0 0 541 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Sa Barongis | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,503 1,070 0 0 0 1,391 0 1,843 0 1,843 0 0 0 0 0 0 1,843 0 0 0 0 1,645 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 427 0 0 427 0 0 44641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 260 0 155 17 78 0 0 61 0 61 0 71 0 94 0 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 986 880 3,174 0 1,546 3,306 0 0 0 0 0 0 0 0 0 1,232 0 0 771 1,313 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 55,170 | ral Area HH Flush 963 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 143 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 0 591 650 860 199 948 1,114 1,028 1,114 1,028 298 229 1,485 440 561 | Public Utilities 0 0 0 0 0 0 0 0 0 0 541 0 541 0 541 0 541 0 541 0 0 541 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagaguwan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Mastura | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 0 1,843 0 0 1,843 0 0 1,843 0 0 1,609 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 427 0 0 427 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 204 0 95 31 0 0 0 260 0 155 17 78 0 0 155 17 78 0 0 155 17 78 0 0 155 17 78 0 0 0 155 17 78 0 0 0 0 260 0 0 260 0 0 0 260 0 0 0 279 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 0 502 502 5 | 2015) Requ Level III 25,225 0 26,556 8,507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 1,546 3,306 0 0 0 0 0 0 0 0 1,232 0 0 771 1,313 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 | ral Area HH Flush 963 0 0 0 0 4,575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flush 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 910 2,220 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 265 265 265 265 26 | Public Urilities 0 0 0 0 0 0 0 0 0 0 0 541 0 541 0 0 541 0 0 541 0 0 541 0 0 541 0 0 541 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Astura 23 Sultan Sa Barongis 24 Talayan | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,070 0 0 1,391 0 1,843 0 0 1,843 0 0 1,843 0 0 1,605 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 0 0 3,592 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 204 0 95 81 0 0 0 260 0 155 17 78 0 0 155 17 78 0 61 0 71 0 94 0 0 279 152 | tation Public School 398 398 0 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 986 880 3,174 0 0 1,546 3,306 0 0 0 0 0 0 1,232 0 0 0 0 1,232 0 0 771 1,313 0 0 842 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 55,170 47,798 | ral Area HH Flush 963 0 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flush 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 910 2,220 799 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 0 591 650 860 199 948 1,114 1,028 0 0 835 298 229 1,485 440 561 573 | Public Utilities 0 0 0 0 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 541 0 0 541 0 0 0 541 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Paglas 7 Datu Paglas 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Mastura | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 1,843 0 0 1,843 0 0 1,843 0 0 0 1,00 0 0 1,605 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 427 0 0 427 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 204 0 95 31 0 0 0 260 0 260 0 155 17 78 0 61 61 0 71 0 94 0 0 | tation Public School 398 398 0 398 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 0 502 502 5 | 2015) Requ Level III 25,225 0 26,556 8,507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 1,546 3,306 0 0 0 0 0 0 0 0 1,232 0 0 771 1,313 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 | ral Area HH Flush 963 0 0 0 0 4,575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 143 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 910 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 265 265 265 265 26 | Public Urilities 0 0 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 541 0 0 541 0 0 0 541 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatun 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 22 Sultan Astura 23 Sultan Sa Barongis 24 Talayan | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,070 0 0 1,391 0 1,843 0 0 1,843 0 0 1,843 0 0 1,605 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 0 0 3,592 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 204 0 95 81 0 0 0 260 0 155 17 78 0 0 155 17 78 0 61 0 71 0 94 0 0 279 152 | tation Public School 398 398 0 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 986 880 3,174 0 0 1,546 3,306 0 0 0 0 0 0 1,232 0 0 0 0 1,232 0 0 771 1,313 0 0 842 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 55,170 47,798 | ral Area HH Flush 963 0 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flush 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 186 408 784 784 722 2,446 910 2,220 799 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 265 265 0 591 650 860 199 948 1,114 1,028 0 0 835 298 229 1,485 440 561 573 | Public Utilities 0 0 0 0 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 541 0 0 541 0 0 0 541 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| 1 Ampatuan 2 Barira 3 Buldon 4 Buluan 5 Datu Odin Sinsuat 6 Datu Paglas 7 Datu Paglas 7 Datu Saudi 9 Datu Unsay 10 Gen. S. K. Pendatum 11 Guindulungan 12 Kabuntalan 13 Mamasapano 14 Matanog 15 Pagagawan 16 Pagalungan 17 Paglat 18 Parang 19 Shariff Aguak 20 South Upi 21 Sultan Kudarat 23 Sultan Sa Barongis 24 Talayan 25 Talitay | Level III 0 0 8,620 0 0 8,951 0 0 0 0 0 0 0 0 0 0 0 0 0 | Level II 2,312 1,410 2,774 0 1,503 1,070 0 0 0 1,391 0 1,843 0 0 1,843 0 0 1,843 0 0 1,843 0 0 1,609 0 0 1,069 0 0 0 1,069 0 0 1,069 0 0 1,069 0 0 1,069 0 0 1,069 0 0 1,069 0 0 0 0 0 0 0 0 0 0 0 0 0 | y Level 1 1,067 0 3,807 0 1,193 427 0 0 0 427 0 0 427 0 0 427 0 0 427 0 0 427 0 0 4,641 0 1,915 1,250 5,058 0 4,021 0 21,547 68 18,398 1,130 0 0 0 3,592 0 | HH Flush 0 0 1,798 1,984 0 370 0 0 0 0 0 0 0 0 0 0 0 0 0 | HH Pour Flush 151 152 204 0 95 81 0 0 0 260 0 0 260 0 0 155 17 78 0 61 61 0 94 0 94 0 0 279 152 0 | tation Public School 398 398 0 0 398 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public Utilities 502 502 502 502 502 0 0 502 502 502 502 | 2015) Requ Level III 25.225 0 26.556 8.507 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | irement Water Sup Level II 10,121 547 0 0 5,810 535 0 986 880 3,174 0 986 880 3,174 0 1,546 3,306 0 0 0 1,232 0 0 771 1,313 0 0 842 0 0 | Ru ply Level 1 53,015 44,599 84,913 29,587 144,567 37,135 44,207 41,717 16,025 29,985 54,570 45,895 23,451 21,058 57,072 56,220 11,604 125,054 29,337 117,898 111,022 27,853 55,170 47,798 59,569 | ral Area HH Flush 963 0 0 0 0 4.575 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Sanit HH Pour Flusb 675 442 904 751 1,471 672 148 210 544 1,077 632 781 416 525 1,246 1,454 1,86 408 784 784 784 722 2,446 910 2,220 799 910 | ation Public School 476 355 1,301 17 2,082 445 265 265 265 0 591 650 860 199 948 1,114 1,028 0 835 298 229 1,485 440 561 573 1,337 | Public Utilities 0 0 0 0 0 0 0 0 0 0 0 0 541 0 0 541 0 0 541 0 0 0 541 0 0 0 541 0 0 0 541 0 0 541 | |

Table 9-3Total Investment Costs (P x 1,000)

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

1

CHAPTER NINE

Summarized Construction Cost of Required Facilities (Px1,000)

Table 9-4

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Cost Estimates for Future Sector Development

| | | | Phase I (| Phase I (2005-2010) Requirement | Requirem | ent . | | | | Phase II (2 | Phase II (2005-2010) Requirement | Requirem | ent | |
|------------------------|---------|------------|-----------|---------------------------------|------------|-----------|---|-------------|------------|-------------|----------------------------------|------------|-----------|-----------|
| Miniainality | ſ | Urban Area | a | 1 | Rural Area | | | D | Urban Area | E . | R | Rural Area | a | |
| итилистранцу | Water | Sanita- | Sub-total | Water | Sanita- | Sub-total | Total | Water | Sanita- | Sub-total | Water | Sanita- | Sub-total | Total |
| | fiddme | | | Aiddine | 11011 | | | Andre | IIII | | Arddine | поп | | |
| 1 Ampatuan | 7,704 | 1,087 | 8,791 | 72,575 | 2,305 | 74,879 | 83,671 | 3,379 | 1,050 | 4,429 | 88,361 | 2,114 | 90,475 | 94,904 |
| 2 Barira | 6,627 | 976 | 7,603 | 44,941 | 9,023 | 53,965 | 61,568 | 1,410 | 1,052 | 2,462 | 45,146 | 767 | 45,942 | 48,404 |
| 3 Buldon | 6,528 | 945 | 7,474 | 83,957 | 2,737 | 86,694 | 94,168 | 6,580 | 1,104 | 7,684 | 111,468 | 2,205 | 113,673 | 121,357 |
| 4 Buluan | 35,135 | 1,302 | 36,437 | 64,786 | 5,860 | 70,646 | 107,082 | 8,620 | 2,300 | 10,919 | 38,094 | 768 | 38,862 | 49,781 |
| 5 Datu Odin Sinsuat | 21,261 | 3,166 | 24,427 | 206,528 | 10,631 | 217,159 | 241,587 | 2,695 | 2,978 | 5,673 | 150,377 | 8,128 | 158,505 | 164,178 |
| 6 Datu Paglas | 3,315 | 941 | 4,256 | 37,963 | 1,551 | 39,514 | 43,770 | 1,498 | 980 | 2,478 | 37,669 | 1,117 | 38,786 | 41,265 |
| 7 Datu Piang | 29,671 | 1,731 | 31,403 | 43,857 | 263 | 44,120 | 75,522 | 8,951 | 872 | 9,823 | 44,207 | 413 | 44,619 | 54,442 |
| 8 Datu Saudi | 0 | 0 | 0 | 45,079 | 1,445 | 46,524 | 46,524 | 0 | 0 | 0 | 42,704 | 1,015 | 43,719 | 43,719 |
| 9 Datu Unsay | 0 | 0 | 0 | 19,325 | 1,007 | 20,332 | 20,332 | 0, | 0 | 0 | 16,905 | 1,085 | 17,990 | 066,71 |
| 10 Gen. S. K. Pendatun | 8,886 | 1,076 | 9,962 | 39,071 | 1,465 | 40,537 | 50,498 | 6,032 | 762 | 6,794 | 33,159 | 1,669 | 34,828 | 41,622 |
| 11 Guindulungan | 0 | 0 | 0 | 47,893 | 3,244 | 51,137 | 51,137 | 0 | 0 | 0 | 54,570 | 1,823 | 56,393 | 56,393 - |
| 12 Kabuntalan | 6,111 | 2,180 | 8,291 | 43,069 | 3,614 | 46,683 | 54,974 | 3,757 | 1,054 | 4,812 | 45,895 | 1,641 | 47,536 | 52,348 |
| 13 Mamasapano | 1,242 | 907 | 2,148 | 29,114 | 1,023 | 30,137 | 32,285 | 1,250 | 519 | 1,769 | 24,998 | 615 | 25,613 | 27,381 |
| 14 Matanog | 0 | 937 | 937 | 22,260 | 5,379 | 27,639 | 28,576 | 5,058 | 579 | 5,638 | 24,365 | 1,473 | 25,838 | 31,475 |
| 15 Pagagawan | 0 | 0 | 0 | 78,755 | 4,010 | 82,765 | 82,765 | 0 | 0 | 0 | 72,894 | 4,318 | 77,213 | 77,213 |
| 16 Pagalungan | 25,540 | 3,822 | 29,362 | 51,438 | 2,945 | 54,383 | 83,745 | 13,569 | 3,151 | 16,720 | 56,220 | 2,483 | 58,703 | 75,423 |
| 17 Paglat | 0 | 0 | 0 | 11,193 | 1,060 | 12,253 | 12,253 | 0 | 0 | 0 | 11,604 | 727 | 12,331 | 12,331 |
| 18 Parang | 109,543 | 4,661 | 114,204 | 137,643 | 2,399 | 140,042 | 254,247 | 35,128 | 3,768 | 38,897 | 125,054 | 2,131 | 127,186 | 166,082 |
| 19 Shariff Aguak | 10 | 2,674 | 2,684 | 53,684 | 3,960 | 57,644 | 60,328 | 7,819 | 3,037 | 10,857 | 36,658 | 4,179 | 40,836 | 51,693 |
| 20 South Upi | 38,734 | 2,352 | 41,087 | 124,651 | 1,253 | 125,904 | 166,991 | 26,785 | 2,443 | 29,228 | 117,898 | 950 | 118,848 | 148,076 |
| 21 Sultan Kudarat | 759 | 2,121 | 2,880 | 99,108 | 10,728 | 109,836 | 112,716 | 1,130 | 3,527 | 4,657 | 116,966 | 16,217 | 133,184 | 137,841 |
| 22 Sultan Mastura | 0 | 0 | 0 | 30,356 | 1,851 | 32,208 | 32,208 | 0 | 0 | 0 | 29,166 | 1,890 | 31,056 | 31,056 |
| 23 Sultan Sa Barongis | 6,747 | 1,964 | 8,710 | 53,644 | 3,645 | 57,289 | 66,000 | 2,289 | 781 | 3,070 | 55,170 | 2,781 | 57,950 | 61,020 |
| 24 Talayan | 6,008 | 988 | 6,997 | 43,704 | 1,827 | 45,531 | 52,528 | 5,239 | 654 | 5,893 | 48,640 | 1,371 | 50,011 | 55,905 |
| 25 Talitay | 0 | 0 | 0 | 52,479 | 7,694 | 60,173 | 60,173 | 0 | 0 | 0 | 59,569 | 2,788 | 62,357 | 62,357 |
| 26 Upi | 20,685 | 963 | 21,648 | 78,205 | 3,481 | 81,686 | 103,334 | 6,095 | 2,021 | 8,116 | 79,693 | 2,615 | 82,309 | 90,425 |
| Provincial Total | 334,506 | 34,795 | 369,301 | 1,615,278 | 94,400 | 1,709,678 | 2,078,980 | 147,286 | 32,631 | 179,918 | 1,567,450 | 67,313 | 1,634,763 | 1,814,681 |
| | | ÷. | | | | | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 1. 1. 1. T. | | | | | | |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

| Name of Equipment | Quantity | Unit | Unit Cost | Total Cost |
|---|----------|------|--------------|------------|
| Truck-mounted rotary drilling machine | 8 | set | 34,978 | 279,824 |
| Truck-mounted percussion drilling machine | 8 | set | 27,691 | 221,528 |
| Well rehabilitation equipment | 8 | set | 303 | 2,424 |
| Service truck with crane | 8 | set | 1.299 | 10,392 |
| Support vehicle (Pick-up with winch) | 8 | set | 639 | 5,112 |
| Total Equipment Cost | | | | 519,280 |

Table 9-5Total Equipment Cost (P x 1,000)

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CHAPTER 10 EXAMINATION OF CRITERIA FOR SELECTING PRIORITY PROJECT/AREA

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10. IDENTIFICATION OF PROJECTS/AREAS

10.1 Criteria for Selecting Projects/Areas

In the province of Maguindanao, majority of the municipalities are in need of assistance for the improvement of their respective water supply and sanitation facilities. The prioritization and selection, however, depends on various factors. Tables 10-1 to 10-3 respectively lists the technical, socio-economic, and financial criteria established and considered during the course of this study. The above criteria, however, were not fully used primarily due to lack of data and information for making the selection. These criteria may be used by JICA in its future project selection.

| PARAMETERS | INDICATORS | CRITERIA | POINTS |
|-----------------------|----------------|--------------------|------------------------------|
| - | Presence of | With less existing | No existing Level III: 5.0; |
| · · · | | level 3 service | With existing Level III: 1.0 |
| service | service | | |
| Availability of water | With available | Have abundant | =>2 abundant sources: 5.0; |
| source | water sources | water sources | < 2 abundant sources: 1.0 |

 Table 10-1
 Technical Criteria for Project/Area Prioritization

Note: Point System: High Priority = 5.0, Low Priority = 1.0

| Table 10-2 | Socio-economic (| Criteria for | Project/Area | Prioritization |
|------------|------------------|--------------|--------------|----------------|
|------------|------------------|--------------|--------------|----------------|

| PARAMETERS | INDICATORS | CRITERIA | POINTS |
|---------------------|----------------------|----------------------|--------------------------|
| Capacity to Pay | Average Income, | Ratio of Income to | 3%: 5.0; |
| | Average Water | Water Rate (3% or | >3%: 1.0 |
| | Rate | less) | |
| Peace and Order | Crime Rate | With Low Rate in | 10/1000 population: 5.0 |
| Situation | | the area | >10/1000 population: 1.0 |
| Health | Water-Borne | With highest rates | 10/1000 population: 5.0 |
| | Diseases Morbidity | | >10/1000 population: 1.0 |
| | and Mortality Rates | | |
| Access by the Poor | Number/percentage | Highest percentage | Ave. HH Income=< Poverty |
| | of poor in the area, | of poor in the area | Level Income: 5.0; |
| | Poverty Incidence, | | |
| | Average Household | | Ave. HH Income > Poverty |
| | Monthly Income | | Level Income: 1.0 |
| Served vs. Unserved | Percentage of | With highest % of | =>50% unserved: 5.0 |
| Population | Unserved | unserved in the area | |
| | population in the | | <50% unserved: 1.0 |
| ļ | area | | j |

Note: Point System: High Priority = 5.0, Low Priority = 1.0

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| Table 10-3 | Institutional/Financial Criteria for Project/Area Prioritization |
|------------|--|
|------------|--|

| PARAMETERS | INDICATORS | CRITERIA | POINTS |
|----------------------|----------------|--------------------|-------------------------|
| Willingness to Pay | Collection | Highest Collection | 80%: 5.0 |
| | Efficiency (%) | Efficiency | <80%: 1.0 |
| Willingness to | Number of | With 2 or more | =>2: 5.0 |
| Organize | Functioning | functioning | <2.0:1.0 |
| | Community | organizations | |
| | Organizations | | |
| Willingness to Learn | Level of | Population has | =>60% of population are |
| and to O&M | Educational | Mostly College | college graduates: 5.0; |
| Facilities | Attainment and | Graduates | |
| | Training of | | <60%: 1.0 |
| | Population | | |

Note: Point System: High Priority = 5:0, Low Priority = 1.0

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao ()

APPENDICES

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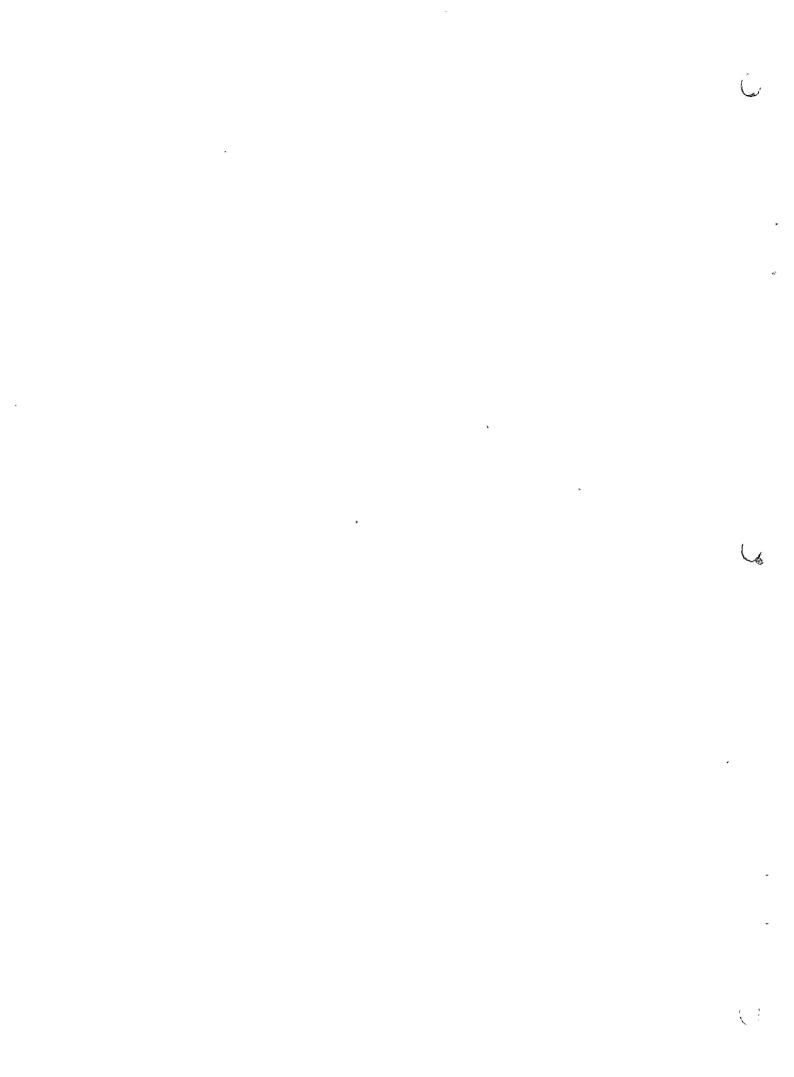
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APPENDIX 5-1 BUDGET OPERATIONS STATEMENT - MAGUINDANAO INCOME & EXPENDITURES

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| | 1999 | 2000 | 2001 |
|------------------------------|-------------|-------------|-------------|
| INCOME | | | ······ |
| LOCAL SOURCES | 4,859,898 | 2,740,908 | 2,740,907 |
| REVENUE FROM TAXATION | 4,165,663 | 2,371,139 | 2,371,138 |
| Real Property Tax | 3,755,805 | 1,689,808 | 1,689,807 |
| Local Taxes | 409,858 | 681,331 | 643,214 |
| Other Taxes | | | 38,118 |
| NON-TAX REVENUES | 694,235 | 369,769 | 369,769 |
| Receipt from Eco. Ent. | 161,375 | 0 | 0 |
| Fees/Charges | 10,050 | 329,671 | 329,671 |
| Loans and Borrowings | 0 | 0 | 0 |
| Other Receipts | 522,810 | 40,098 | 40,098 |
| AIDS AND ALLOTMENTS | 295,029,428 | 360,298,668 | 360,298,668 |
| BIR Allotments | 295,029,428 | 346,354,380 | 346,354,380 |
| National Aids | 0 | 0 | 13,944,288 |
| National Wealth | - 0 | 13,944,288 | |
| TOTAL INCOME | 299,889,326 | 363,039,577 | 363,039,576 |
| EXPENDITURES | | AN, | |
| CURRENT EXPENDITURES | 298,560,016 | 360,081,241 | 216,821,242 |
| General Government | 116,760,571 | 130,519,898 | 141,751,597 |
| Public Welfare & Int. Safety | 14,719,545 | 16,442,931 | 3,707,024 |
| Economic Development | 57,409,132 | 69,037,183 | 69,858,412 |
| Operation of Econ. Ent. | 0 | 0 | |
| Other Charges | 109,670,768 | 144,081,228 | 1,504,209 |
| CAPITAL OUTLAY | 493,602 | 821,229 | 144,081,228 |
| TOTAL EXPENDITURES | 299,053,618 | 360,902,470 | 360,902,470 |
| EXCESS (DEFICIT) OF INCOME | 835,708 | 2,137,107 | 2,137,106 |
| OVER EXPENDITURES | | | |

Source : BOS Databank - Bureau of Local Government Finance

| | | | | | | | | M | MAGUINDANAO |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LGU Name: | | Ampatuan . | A | | Barira | | | Buldon | |
| | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| INCOME | | | | | | | | | |
| Local Sources | 356,070.19 | 435,023.69 | 370,502.08 | 51,802.90 | 893,129.63 | 92,375.25 | 116,125.57 | 1,569,557.65 | 1,569,557.65 |
| Revenue from Taxation | 284,625.19 | 367,923.69 | 316,426.08 | 50,877.90 | 61,963.63 | 89,970.25 | 115,845.57 | 54,010.65 | 54,010.65 |
| Real Property Tax | 183,810.33 | 263,616.15 | 190,659.85 | 26,492.80 | 56,683.63 | 78,908.85 | 21,962.68 | 49,853.65 | 49,853.65 |
| Business Tax | 100,814.86 | 104,307.54 | 75,884.00 | 24,385.10 | 5,280.00 | 00.0 | 93,882.89 | 4,157.00 | 3,135.00 |
| Other Taxes | 0.00 | 0.00 | 49,882.23 | 0.00 | 0.00 | 11,061.40 | 0.00 | 0.00 | 1,022.00 |
| · Non-Tax Revenues | 71,445.00 | 67,100.00 | 54,076.00 | 925.00 | 831,166.00 | 2,405.00 | 280.00 | 1,515,547.00 | 1,515,547.00 |
| Receipts from Eco. Enterprise | 24,230.00 | 8,090.00 | 0:00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 |
| Fccs/Charges | 47,215.00 | 59,010.00 | 54,076.00 | 925.00 | 500.00 | 2,405.00 | 280.00 | 0.00 | 0.00 |
| Loans & Borrowings | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | 00:0 | 0.00 | 0.00 | 0.00 |
| Other Receipts | 0.00 | 0.00 | 0.00 | 0.00 | 830,666.00 | 0.00 | 0.00 | 1,515,547.00 | 1,515,547.00 |
| Aids and Allotments | 24,973,107.42 | 31,398,403.66 | 28,691,161.00 | 14,573,597.57 | 19,774,256.55 | 16,866,803.32 | 23,333,349.45 | 26,695,977.29 | 26,695,977.29 |
| BIR Allotment (IRA) | 24,973,107.42 | 31,398,403.66 | 28,691,161.00 | 14,573,597.57 | 16,298,839.55 | 16,866,803.32 | 22,312,164.00 | 26,249,724.00 | 26,249,724.00 |
| National Aids | 0.00 | 0.00 | 0.00 | 0.00 | 3,475,417.00 | 0.00 | 1,021,185.45 | 0.00 | 0.00 |
| National Wealth | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 446,253.29 | 446,253.29 |
| TOTAL INCOME | 25,329,177.61 | 31,833,427.35 | 29,061,663.08 | 14,625,400.47 | 20,667,386.18 | 16,959,178.57 | 23,449,475.02 | 28,265,534.94 | 28,265,534.94 |
| EXPENDITURES | 1 | | | | | ** | | | |
| Current Expenditures | 25,512,468.95 | 30,594,675.78 | 27,026,617.50 | 13,960,903.63 | 18,494,220.72 | 12.429.404.85 | 23.151.000.00 | 28 117 460 38 | 19 677 000 00 |
| General Government | 15,761,597.90 | 20,455,810.00 | 21,327,095.94 | 8,369,865.00 | 12,674,553.32 | 12,429,404.85 | 13,011,708.00 | 14,513,000.00 | 15.288.000.00 |
| Public Welfare & Internal Safety | 46,578.28 | 2,134,370.60 | 4,500.00 | 26,678.12 | 582,693.04 | 0.00 | 442,437.00 | 675,000.00 | 0.00 |
| Economic Development | 6,865,689.14 | 4,937,815.18 | 5,550,397.00 | 1,161,503.00 | 347,322.51 | 00.0 | 3,196,855.00 | 4,389,000.00 | 4,389,000.00 |
| Operation of Eco. Enterprise | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Charges | 2,838,603.63 | 3,066,680.00 | 144,624.56 | 4,402,857.51 | 4,889,651.85 | 0.00 | 6,500,000.00 | 8,540,460.38 | 0.00 |
| Capital Outlay | 188,375.00 | 830,570.00 | 3,598,769.86 | 230,025.87 | 1,800,000.00 | 4,616,746.25 | 323,558.62 | 100,000.00 | 8,540,460.38 |
| TOTAL EXPENDITURES | 25,700,843.95 | 31,425,245.78 | 30,625,387.36 | 14,190,929.50 | 20,294,220.72 | 17,046,151.10 | 23,474,558.62 | 28,217,460.38 | 28,217,460.38 |
| Excess (Deficit) of Income | -371,666.34 | 408,181.57 | -1.563.724.28 | 434.470.97 | 373,165.46 | 55 CT0 38_ | -25 A82 60 | 73 120 01 | 40.074.57 |
| Over Expenditures | | | | | | | 0000 | 0 | 0.1-10'0F |
| Source : SIE Databank - Bureau of Local Government Finance | nmeut Finance | | - | | | | | | 3 8 9 |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao ()

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BUDGET OPERATIONS STATEMENT

| LGU Name: | | Buluan | | Dat | Datu Odin Sinsuat (Dinuig) | - | : | Datu Paglas | |
|----------------------------------|---------------|---------------|---------------|---------------|----------------------------|---------------|---------------|---|---------------|
| | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 | 1999 | 2000 | 2001 |
| INCOME | | | | | | | | | |
| Local Sources | 1,960,870.69 | 2,494,035.12 | 2,494,035.12 | 1,691,863.53 | 1,562,803.70 | 1,542,803.70 | 1,335,466.00 | | 1,335,466.00 |
| Revenue from Taxation | 854,163.45 | 1,120,666.33 | 1,120,666.33 | 1,335,205.24 | 1,238,207.37 | 1,218,207.37 | 1,141,973.00 | | 1,141,973.00 |
| Real Property Tax | 457,269.85 | 561,207.77 | 561,207.77 | 173,412.76 | 257,394.21 | 237,394.21 | 164,809.00 | | 164,809.00 |
| Business Tax | 396,893.60 | 559,458.56 | 499,360.99 | 1,161,792.48 | 980,813.16 | 792,162.78 | 977,164.00 | | 977,164.00 |
| Other Taxes | 0.00 | 00.0 | 60,097.57 | 0.00 | 0.00 | 188,650.38 | 00.0 | | 0.00 |
| Non-Tax Revenues | 1,106,707.24 | 1,373,368.79 | 1,373,368.79 | 356,658.29 | 324,596.33 | 324,596.33 | 193,493.00 | | 193,493.00 |
| Receipts from Eco. Enterprise | 778,162.50 | 1,092,455.00 | 1,092,455.00 | 249,941.50 | 192,777.00 | 166,726.00 | 127,998.00 | | 127,998.00 |
| Fees/Charges | 328,544.74 | 280,913.79 | 280,913.79 | 106,716.79 | 131,819.33 | 97,365.33 | 65,495.00 | - | 65,495.00 |
| Loans & Borrowings | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60,505.00 | 00.0 | | 0.00 |
| Other Receipts | 0.00 | 0.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Aids and Allotments | 24,569,029.00 | 31,069,548.00 | 31,069,548.00 | 38,384,482.54 | 41,071,204.46 | 41,071,204.46 | 9,757,405.00 | | 9,757,405.00 |
| BIR Allotment (IRA) | 24,569,029.00 | 31,069,548.00 | 31,069,548.00 | 33,690,312.00 | 39,273,733.06 | 39,273,733.06 | 9,757,405.00 | | 9,757,405.00 |
| National Aids | 0.00 | 0:00 | 0.00 | 4,461,715.38 | 1,797,471.40 | 0.00 | 0.00 | | 0.00 |
| National Wealth | 00.0 | 0.00 | 0.00 | 232,455.16 | 0.00 | 1,797,471.40 | 0.00 | | 0.00 |
| TOTAL INCOME | 26,529,899.69 | 33,563,583.12 | 33,563,583.12 | 40,076,346.07 | 42,634,008.16 | 42,614,008.16 | 11,092,871.00 | | 11,092,871.00 |
| | | | | | | | | | |
| EXPENDITURES | | | | | | | | 1 | |
| Current Expenditures | 26,175,102.11 | 33,496,936.62 | 23,987,332.22 | 39,004,786.46 | 44,695,301.41 | 32,159,262.91 | 11,422,445.00 | | 8,736,320.00 |
| General Government | 15,207,732.64 | 18,569,966.42 | 20,070,303.94 | 20,890,509.15 | 23,163,730.00 | 23,267,730.00 | 7,879,591.00 | | 7,879,591.00 |
| Public Welfare & Internal Safety | 123,102.66 | 1,516,337.52 | 0.00 | 95,000.00 | 104,000.00 | 0.00 | 0.00 | | 0.00 |
| Economic Development | 3,048,314.50 | 3,835,028.28 | 3,835,028.28 | 7,533,476.46 | 8,891,532.91 | 8,891,532.91 | 856,729.00 | | 856,729.00 |
| Operation of Eco. Enterprise | 0:00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Other Charges | 7,795,952.31 | 9,575,604.40 | 82,000.00 | 10,485,800.85 | 12,536,038.50 | 0.00 | 2,686,125.00 | | 0.00 |
| Capital Outlay | 340,500.00 | 66,000.00 | 9,575,604.40 | 1,048,000.00 | 0.00 | 12,536,038.50 | 00.00 | | 2,686,125.00 |
| TOTAL EXPENDITURES | 26,515,602.11 | 33,562,936.62 | 33,562,936.62 | 40,052,786.46 | 44,695,301.41 | 44,695,301.41 | 11,422,445.00 | | 11,422,445.00 |
| Excess (Deficit) of Income | 14,297,58 | 646.50 | 646.50 | 23,559.61 | -2,061,293.25 | -2,081,293.25 | -329,574.00 | The second | -329,574.00 |
| Over Expenditures | | | | | | | | | |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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|----------------------------------|---------------|---------------|---------------|---------------|----------------------|---------------|---------------|---------------------|---------------|
| | 6661 | 2000 | 2001 | 6661 | 2000 | 2001 | 1000 | 0000 | |
| INCOME | | | | 1 | | | | 0007 | 7001 |
| Local Sources | 2,290,982.38 | 1,034,803.74 | 1,034,803.74 | 695,704.66 | 1,257,623.29 | 1,257,623,29 | 1.180.114.52 | 520.805.43 | 500 805 43 |
| Revenue from Taxation | 1,841,841.88 | 594,214.64 | 594,214.64 | 591,610.16 | 1.151.210.29 | 1.151.210.29 | 1 174 074 52 | 51 851 42 | \$1.001.42 |
| Real Property Tax | 1,155,638.34 | 448,561.24 | 448,561.24 | 51,965.28 | 53,290.62 | 53.290.62 | 452.786.54 | 21.120,12 | 21.001.20 |
| Business Tax | 686,203.54 | 145,653.40 | 129,731.40 | 539,644.88 | 1,097,919.67 | 1.097.919.67 | 722.187.98 | 21.001/02 | 00.013.5 |
| Other Taxes | 0.00 | 0.00 | 15,922.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 01.01010 |
| Non-Tax Revenues | 449,140.50 | 440,589.10 | 440,589.10 | 104,094.50 | 106,413.00 | 106,413.00 | 5,140.00 | 468.954.00 | 468.954.00 |
| Receipts from Eco. Enterprise | 401,611.00 | 393,874.00 | 393,874.00 | 76,914.00 | 90,863.00 | 90,863.00 | 3,630.00 | 1.170.00 | 1 170.00 |
| Fees/Charges | 47,529.50 | 46,715.10 | 46,715.10 | 27,180.50 | 15,550.00 | 13,060.00 | 1.510.00 | 1.010.00 | 000101 |
| Loans & Вопоwings | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 2,490.00 | 0.00 | 0.00 | 000 |
| Other Receipts | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 466.774.00 | 466.774.00 |
| Aids and Allotments | 31,615,860.00 | 36,127,390.19 | 36,127,390.19 | 17,154,606.00 | 20,426,461.48 | 20,426,461.48 | 15,740,000,00 | 18.901.774.00 | 00 727 100 81 |
| t (IRA) | 31,615,860.00 | 35,251,802.19 | 35,251,802,19 | 17,154,606.00 | 20,197,404.00 | 20,197,404.00 | 15,740,000.00 | 18.901.774.00 | 18.901.774.00 |
| National Aids | 0.00 | 875,588.00 | 875,588.00 | 0.00 | 00.0 | 229,057.48 | 0.0 | 000 | |
| National Wealth | 0.00 | 0.00 | 0.00 | 0.00 | 229,057.48 | 0.00 | 0.0 | 000 | |
| TOTAL INCOME | 33,906,842.38 | 37,162,193.93 | 37,162,193.93 | 17,850,310.66 | 21,684,084.77 | 21,684,084.77 | 16,920,114.52 | 19,422,579.43 | 19,422,579.43 |
| SABUNTTIBES | | | | | | | | | |
| | | | | | | | | | |
| Current Expenditures | 34,025,462.72 | 37,003,403.04 | 27,381,881.24 | 17,880,892.56 | 21,561,868.72 | 15,356,882.72 | 17,093,375.02 | 19,224,341.63 | 13,980,289.90 |
| General Government | 19,830,089.41 | 22,697,608.00 | 22,697,608.20 | 10,632,211.74 | 13,350,240.25 | 13,350,240.25 | 11,314,573.00 | 12,574,820.90 | 13,052,820.90 |
| Public Welfare & Internal Safety | 603,268.25 | 145,000.00 | 0.00 | 40,000.00 | 108,968.60 | 20,000.00 | 0.00 | 0.00 | 0.00 |
| Economic Development | 2,714,048.94 | 3,185,549.97 | 4,539,273.04 | 1,993,488.00 | 1,897,673.87 | 1,897,673.87 | 832,927.00 | 927,469.00 | 927,469.00 |
| Operation of Eco. Enterprise | 1,329,756.95 | 1,353,723.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Charges | 9,548,299.17 | 9,621,522.00 | 145,000.00 | 5,215,192.82 | 6,204,986.00 | 88,968.60 | 4,945,875.02 | 5,722,051.73 | 0.00 |
| Capital Outlay | 0.00 | 0.00 | 9,621,522.00 | 0.00 | 0.00 | 6,204,986.00 | 0.00 | 00.0 | ET 120 CCT 2 |
| TOTAL EXPENDITURES | 34,025,462.72 | 37,003,403.04 | 37,003,403.24 | 17,880,892.56 | 21,561,868.72 | 21,561,868.72 | 17,093,375.02 | 19,224,341.63 | 19,702,341.63 |
| E(D6.10 - 61 | | | | | | | | | |
| Excess (Deficit) of Income | -118,620.34 | 158,790.89 | 158,790.69 | -30,581.90 | 122,216.05 | 122,216.05 | -173,260.50 | 198,237.80 | -279,762.20 |
| Over Expenditures | | | | | | | | | |

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MAGUINDANAO 297,663.69 120,780.00 35,378.69 12,770.00 0.00 0.0 0.00 -11,374,582.92 0.00 11,493,000.00 52,711.55 8,302.25 128,735.00 46,690,690.45 45,550,690.45 1,140,000.00 47,041,065.69 27,449,156.38 13,696.06 0.0 19,473,492.23 58,415,648.61 150, 375.24 30,713.24 46,922,648.61 2001 258,524.73 0.00 0.00 0.00 0.00 0.00 51,517,118.73 276,968.91 388,150.13 111,858.00 0.00 213,412.48 45,112.25 0.00 51,794,087.64 51,517,118.73 22,377,700.23 4,419,917.80 2,471,741.21 355,345.00 21,892,414.49 29,625.40 17,767.40 51,405,937.51 51,405,937.51 Pagalungan 2000 32,050.62 279,569.65 53,534.84 0.00 0.00 0.00 0.00 2,049,116.94 1,432,258.84 365,155.11 0.00 41,023,151.82 956,687.00 12,344,993.93 40,877,735.09 26,077,094.40 2,611,630.75 35,000.00 40,912,735.09 311,620.27 0.00 53,534.84 41,979,838.82 139,893.00 999 30,150.00 1,410.00 16,350,152.58 0.00 18,317.99 31,560.00 0.00 0.00 10,948,715.15 0.00 16,976,224.59 702.00 6,934.96 0.00 0.00 16,282,637.63 16,212,209.00 70,428.63 11,612,118.99 0.0 663,403.84 5,364,105.60 -626,072.01 67,514.95 35,954.95 2001 0.00 16,282,637.63 35,954,98 17,636.96 0.00 0.00 0.00 0.00 0.00 67,514.98 18,318.02 31,560.00 0.00 16,947,874.59 5,364,105.60 16,976,224.59 626,071.98 31,560.00 16,212,209.00 70,428.63 16,350,152.61 10,528,413.07 391,952.08 563,403.84 28,350.00 Matanog 2000 0.00 10,692,765.00 2,865.00 306,132.00 19,983.00 0.00 22,115.00 0.00 0.00 0.00 0.00 11,021,012.00 0,693,358.00 7,393,569.00 0.00 513,943.00 0.00 2,785,846.00 0.00 0,693,358.00 327,654.00 10,692,765.00 328,247.00 286,149.00 19,250.00 6661 ł. 2001 24,855.00 0.00 1,500.00 3,496.62 0.00 0.00 ,298,426.86 36,109.96 ,262,316.90 23,355.00 0.00 13,891,269.00 13,891,269.00 0.00 0.00 15,214,550.86 15,162,024.03 9,656,353.70 1,436,709.81 0.00 4,065,463.90 0.00 15,162,024.03 52,526.83 323,281.86 Mumasaparo 2000 ----58,165.02 30,340.00 0.00 11,642,271.00 0.00 0.00 0.00 0.00 1,799,413.57 48,647.56 21,705.48 28,624.51 0.00 0.00 11,642,271.00 0,657,492.54 6,391,410.08 319,722.07 3,941,700.00 1,141,921.03 08,495.01 50,329.99 27,825.02 4,660.39 11,750,766.01 666 TOTAL EXPENDITURES Receipts from Eco. Enterprise Public Welfare & Internal Safety **Operation of Eco. Enterprise** TOTAL INCOME Excess (Deficit) of Income Economic Development Revenue from Taxation Loans & Borrowings **Over Expenditures** LGU Name: Real Property Tax BIR Allotment (IRA) General Government Non-Tax Revenues Current Expenditures Other Receipts Aids and Allotments National Wealth Fees/Charges Business Tax Other Taxes National Aids Other Charges EXPENDITURES Capital Outlay Local Sources Grants NCOME

Source : SIE Databank - Bureau of Local Government Finance

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| 1999 2000 INCOME 3,838,184.89 2000 Incal Sources 3,838,184.89 13,022,383.75 Local Sources 3,838,184.89 13,022,383.75 Revenue from Taxation 2,289,900.64 977,842.06 Real Property Tax 996,539.93 213,101.44 Business Tax 1,293,360.71 714,740.62 Other Taxes 0.00 0.00 0.00 Non-Tax Revenues 1,5548,284.25 12,094,541.69 Receipts from Eco. Enterprise 1,056,121.05 1,442,104.95 Resc/Charges 492,163.20 1,442,104.95 Resc/Charges 1,056,121.05 1,442,104.95 Resc/Charges 1,056,121.05 1,442,104.95 Aids and Allotments 37,936,955.00 42,437,113.07 National | 2000 13,022,383,75 927,842,06 213,101,44 714,740,62 0,00 0,00 1,470,438,00 1,472,104,95 8,043,700,00 | 2001 4,078,683.75 927,842.06 | 1999 | 2000 | 2001 | 1000 | 2000 | 2001 |
|--|---|------------------------------------|----------------|---------------|---------------|---------------|---------------|---------------|
| ources 3,838,184,89 nue from Taxation 2,289,900.64 all Property Tax 996,539,93 all Property Tax 996,539,93 Lisitess Tax 1,293,360.71 Inter Taxes 0.00 Tax Revenues 1,548,284.25 Ceripts from Eco. Enterprise 1,056,121.05 ceripts from Eco. Enterprise 1,056,121.05 ceripts from Eco. Enterprise 0.00 far Receripts 0.00 for Receripts 37,936,955.00 mal Aids 0.00 mal Vealth 0.00 mal Wealth 0.00 Mal Wealth 0.00 | 22,383.75 27,842.06 3,101.44 4,740.62 0.00 0,438.00 0,438.00 12,104.95 | 4,078,683.75 927,842.06 | | | | | | |
| 3,838,184,89 3,838,184,89 2,289,900,64 996,539,93 1,293,360.71 1,293,360.71 1,293,360.71 1,293,360.71 1,548,284,25 1,056,121,05 492,163,20 0,00 37,936,955,00 37,936,955,00 37,936,955,00 0,00 | 22,383.75 77,842.06 13,101.44 (4,740.62 0.00 0.00 0,438.00 0,438.00 12,104.95 | 4,078,683.75 927,842.06 | - | | | | >>> | 1007 |
| 2,289,900.64 996,539.93 1,293,360.71 1,293,360.71 1,548,284.25 1,548,284.25 1,554,121.05 1,554,121.05 1,548,284.25 1,056,121.05 1,056,121,05 1,056,120,050,050,05 1,056,120,050,05 1,056,120,050,050,050,050,050,050,050,050,050,0 | 77,842.06 [3,101.44 [4,740.62 0.00 M,541.69 0,438.00 [2,104.95 | 927,842.06 | 1,371,055.47 | 994,667.64 | 1,012,137.64 | 1.883.175.00 | 1.767.180.34 | 11 55 515 |
| 996,539,93 1,293,360.71 1,293,360.71 1,293,360.71 0.00 1,548,284.25 1,548,284.25 1,548,284.25 0.00 37,936,121.05 37,936,955.00 37,936,955.00 37,936,955.00 0.00 0.000 | 13,101.44 4,740.62 0.00 0,438.00 0,438.00 12,104.95 | | 617,086.13 | 169,459.46 | 169,459.46 | 368,780.37 | 87.647.41 | 90.00578 |
| 1,293,360.71 0.00 1,548,284.25 1,548,284.25 1,56,121.05 1,056,121.05 90,00 37,936,955.00 37,936,955.00 37,936,955.00 0.00 0.00 0.00 0.00 | 4,740.62 0.00 4,541.69 0,438.00 2,104.95 | 213,101.44 | 369,529.56 | 81,979.57 | 81,979.57 | 293,151.14 | 18.295.81 | 1.366.16 |
| 0.00 1,548,284.25 1,548,284.25 1,554,121.05 492,163.20 0.00 37,936,955.00 37,936,955.00 0.00 0.00 | 0.00 44,541.69 0,438.00 22,104.95 | 464,023.33 | 247,556.57 | 87,479.89 | 68,269.36 | 75,629.23 | 69.351.60 | 45.610 |
| 1,548,284.25 interprise 1,056,121.05 492,163.20 0.00 37,936,955.00 37,936,955.00 37,936,955.00 0.00 | 14,541.69 0,438.00 12,104.95 | 250,717,29 | 0.00 | 00.0 | 19,210.53 | 0.00 | 0.00 | 43.003.52 |
| Interprise 1,056,121.05 (163.20 (113.20 (163.2 | 0,438.00 12,104.95 13,700.00 | 3,150,841.69 | 753,969.34 | 825,208.18 | 842,678.18 | 1,514,394.63 | 1,679,532.93 | 427.547.33 |
| 492,163.20 0.00 37,936,955.00 37,936,955.00 37,936,955.00 0.00 | 12,104.95 13 700 00 | 1,470,438.00 | 297,860.34 | 799,639.18 | 799,639.18 | 1,439,089.42 | 206,026.70 | 361.091.00 |
| 0.00 37,936,955.00 37,936,955.00 37,936,955.00 0.00 0.00 | 1 700.00 | 1,442,104.95 | 30,276.00 | 25,569.00 | 24,228.00 | 70,464.84 | 7,585.00 | 60,105.33 |
| 0.00 37,936,955.00 37,936,955.00 0.00 0.00 | 00.001.00 | 0.00 | 00'0 | 0.00 | 1,341.00 | 0.00 | 0.00 | 6.351.00 |
| 37,936,955.00 37,936,955.00 0.00 0.00 | 238,298.74 | 238,298.74 | 425,833.00 | 0.00 | 17,470.00 | 4,840.37 | 1,465,921.23 | 0.00 |
| 37,936,955.00 0.00 0.00 | 7,113.07 | 42,437,113.00 | 24,833,604.43 | 29,039,618.01 | 29,039,618.01 | 16,170,972.00 | 19,022,064.00 | 19.050.655.24 |
| | 7,113.07 | 42,437,113.00 | 24,833,604.43 | 27,552,588.00 | 27,552,588.00 | 16,170,972.00 | 19,022,064.00 | 19.050.655.24 |
| | 0.00 | 00.0 | 0.00 | 1,487,030.01 | 1,487,030.01 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 | 0.00 | 0.0 |
| | 0.00 | 8,943,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00.0 |
| TOTAL INCOME 41,775,139.89 55,459, | 55,459,496.82 | 55,459,496.75 | 26,204,659.90 | 30,034,285.65 | 30,051,755.65 | 18,054,147.00 | 20,789,244.34 | 19,568,208.35 |
| EXPENDITURES | | | | | | | | |
| Current Expenditures 40.825.147.60 44.330.3 | 44.330.305.00 | 32 949 101 20 | 10 220 022 01 | 76 550 117 02 | 03 EVI ((1 E0 | | | |
| nt 20164.027.20 | 73 508 803 00 | 04:101(01/100 | 10,000,200,000 | 00'11'600'07 | 80.100,100,12 | 18,146,138.33 | 19,821,828.11 | 15,590,320.89 |
| amal Cafatti 050 016 15 | 00.200,0 | 00.800,226,02 | 8,633,159.96 | 7,246,462.57 | 11,708,381.79 | 10,704,089.18 | 10,805,740.85 | 11,145,464.59 |
| | 07.001,48,1 | 0.00 | 19,600.00 | 19,600.00 | 0.00 | 480,700.00 | 108,000.00 | 0.00 |
| 3,589,993.20 | 4,075,743.00 | 7,261,342.00 | 9,168,245.96 | 9,779,685.79 | 9,779,685.79 | 3,009,328.17 | 3,115,487.26 | 2,563,459.00 |
| co. Enterprise 4,132,989.96 | 3,025,599.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| jes 11,977,391.00 | | 365,101.20 | 7,731,059,99 | 8,513,368.70 | 19,600.00 | 3,952,021.20 | 5,792,600.00 | 1,881,397.30 |
| 850,000.00 | 1 | 11,972,003.84 | 1,199,082.20 | 20,000.00 | 8,513,369,30 | 0.00 | 908,851.00 | 4,854,633.08 |
| TOTAL EXPENDITURES 41,675,147.60 44,921,1 | 44,921,105.00 | 44,921,105.04 | 26,751,148.11 | 25,579,117.06 | 30,021,036.88 | 18,146,138.55 | 20,730,679.11 | 20,444,953.97 |
| come 99,992.29 | 10,538,391.82 | 10,538,391.71 | -546,488.21 | 4,455,168.59 | 30,718.77 | -91,991.55 | 58,565.23 | -876,745.62 |
| Over Expenditures | | | | - | | | | 1 |

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BUDGET OPERATIONS STATEMENT

MAGUINDANAO 16,830.00 126,947.26 5,216.00 23,499.00 20,560.00 3,730.00 0.00 0.00 23,201,946.00 06,387.26 19,584,694.70 0.00 77,672.26 0.00 0.00 3,617,251.30 23,328,893.26 17,421,084.35 15,773,101.95 00.0 ,647,982.40 0.00 6,448,465.60 23,869,549.95 -540,656.69 2001 0.00 0.00 0.00 0.00 107,880.19 20,907,913.00 37,455.29 277,122.67 185,852.67 77,972.48 91,270.00 54,570.00 36,700.00 20,945,368.29 0.00 21,522,924.50 21,222,490.96 0.00 13,100,641.65 6,440,390.50 787,704.62 22,310,629.12 -1,088,138.16 481,242.36 500,649,99 Talayan 2000 48,387.44 82,000.00 523,379.96 21,430.00 0.00 626,809.96 474,992.52 0.00 103,430.00 0.00 174,079.49 0.00 24,571,308.49 23,840,316.00 556,913.00 25,198,118.45 23,406,233.21 13,470,241.85 0.0 200,000.00 2,162,352.35 2,300,000.00 508,114.76 7,573,639.01 25,706,233.21 6661 25,641.00 20,371.00 5,270.00 9,026.80 0.00 0.00 0.00 97,030.62 0.00 895,954.42 870,313.42 24,997,480.00 0.00 64,256.00 24,997,480.00 25,893,434.42 18,563,535.84 17,501,155.07 0.00 0.00 1,062,380.77 0.00 7,200,130.00 129,768.58 25,763,665.84 2001 Sultan Sa Barongis (Lambayong) 97,030.62 20,371.00 5,270.00 0.00 855,954.42 830,313.42 133,282.80 0.00 25,641.00 0.00 0.00 24,997,480.00 24,997,480.00 0.00 0.00 25,263,665.84 0.00 25,853,434.42 16,148,454.51 1,062,380.77 852,700.56 7,200,130.00 500,000.00 89,768.58 25,763,665.84 2000 67,219.10 271,101.02 9,110.00 0.00 0.00 0.00 233,042.02 65,822.92 0.00 38,059.00 22,102,314.00 22,102,314.00 0.00 28,949.00 0.00 22,373,415.02 22,225,196.60 14,234,250.76 824,115.69 0.00 6,533,735.00 0.00 148,218.42 633,095.15 22,225,196.60 9999 0.00 10,575,346.98 0.00 4,623,287.09 2,683,659.52 1,279,494.30 199,050.31 1,939,627.57 597,722.94 226,709.95 1,115,194.68 50,735,638.00 0.00 0.00 1,205,114,91 50,735,638.00 55,358,925.09 51,489,395.78 23,483,578.56 57,004,795.78 17,313,473.21 5,515,400.00 -1,645,870.69 116,997.03 2001 Sultan Kudarat (Nuling) 0.00 4,562,024.87 1,774,505.72 534,093.98 ,240,411.74 0.00 2,787,519.15 1,265,836.80 1,219,788.15 0.00 0.00 0.00 58,696,764.88 301,894.20 54,134,740.01 54,134,740.01 40,547,368.70 45,350.00 500,273.57 10,717,518.00 50,830,095.57 15,650,739.71 3,633,487,42 10,282,726.87 7,866,669.31 2000 0.00 539,227.38 ,082,914.95 ,810,800.70 291,334.89 2,272,114.25 448,826.40 0.00 0.00 519,465.81 0.00 1,284,060.47 43,970,714.33 43,970,714.33 0.00 48,053,629.28 47,520,819.98 13,445,002.76 893,273.52 5,014,466.27 13,366,827.42 730,499.30 18,251,319.28 -197,690.00 14,801,250.01 6661 Source : SIE Dutubank - Bureau of Local Government Finance Receipts from Eco. Enterprise Public Welfare & Internal Safety TOTAL EXPENDITURES TOTAL INCOME Operation of Eco. Enterprise Excess (Deficit) of Income Economic Development Revenue from Taxation Loans & Borrowings LGU Name: Real Property Tax BIR Allotment (IRA) **Over Expenditures** General Government Non-Tax Revenues Current Expenditures Business Tax Other Receipts Aids and Allotments Fees/Charges National Wealth Other Taxes National Aids EXPENDITURES Other Charges Local Sources Capital Outlay Grants NCOME

1.540.00

| INCOME | | | | | | | | • • |
|----------------------------------|------|---------------|--------------------------------------|---------------|---|---------------|--|---------------------------------------|
| INCOME | 6661 | 2000 | 2001 | 1999 | 2000 | 2001 | | |
| | | | | | a sur a s | | | |
| Local Sources | | 620,865.99 | 927,567.39 | 1,742,985.00 | • • • • | 1,742,985.00 | | |
| Revenue from Taxation | | 618,505.99 | 923,417.39 | 639,223.00 | | 639,223.00 | · · · · · · · · · · · · · · · · · · · | |
| Real Property Tax | | 689.99 | 7,013.75 | 444,101.00 | | 444,101.00 | | |
| Business Tax | | 617,816.00 | 907,769.00 | 195,122.00 | | 195,122.00 | | |
| Other Taxes | | 0.00 | 8,634.64 | 0.00 | | 0.00 | · At the majority is a state of a state of a state of the | |
| Non-Tax Revenues | | 2,360.00 | 4,150.00 | 1,103,762.00 | | 1,103,762.00 | | |
| Receipts from Eco. Enterprise | | 0.00 | 0.00 | 361,200.00 | | 361,200.00 | | · · · · · · · · · · · · · · · · · · · |
| Fees/Charges | | 2,360.00 | 2,680.00 | 140,751.00 | | 140,751.00 | | |
| Loans & Borrowings | | 0.00 | 70.00 | 0.00 | | 0.00 | | |
| Other Receipts | | 0.00 | 1,400.00 | 601,811.00 | | 601,811.00 | | |
| Aids and Allotments | | 12,384,444.00 | 11,705,186.00 | 24,454,035.00 | | 24,454,035.00 | | |
| BIR Allotment (IRA) | | 12,384,444.00 | 11,705,186,00 | 24,454,035.00 | | 24,454,035.00 | | |
| National Aids | | - | W - manufacture and the state of the | | | F 3 2 | | |
| National Wealth | | | | | | | | |
| TOTAL INCOME | | 13,005,309.99 | 12,632,753.39 | 26,197,020.00 | | 26,197,020.00 | a de la companya de | |
| EXPENDITURES | | | | | | • | | , |
| Current Evnenditures | | 72 110 263 61 | 00 000 017 11 | 77 073 740 00 | | | | |
| | | 0/110,000,41 | 07.760.000111 | 00.642,co0,02 | | 19,810,193.00 | | |
| General Government | | 7,833,962.51 | 9,245,824.64 | 15,988,838.00 | | 15,988,838.00 | | |
| Public Welfare & Internal Safety | | 337,686.00 | 0.00 | 551,749.00 | | 551,749.00 | | |
| Economic Development | | 683,963.00 | 2,393,067.56 | 2,633,158.00 | | 3,275,606.00 | | |
| Operation of Eco. Enterprise | | 0.00 | 0.00 | 642,448.00 | | 0.00 | | |
| Other Charges | | 3,777,400.25 | 0.00 | 6,247,056.00 | | 00.00 | | |
| Capital Outlay | | 101,848.50 | 1,324,274.08 | 70,000.00 | | 6,317,056.00 | | |
| TOTAL EXPENDITURES | | 12,734,860.26 | 12,963,166.28 | 26,133,249.00 | | 26,133,249.00 | | |
| Excess (Deficit) of Income | | 270,449.73 | -330,412.89 | 63,771.00 | 1 | 63,771.00 | | |
| Over Expenditures | | | | ••••• | | | | |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| LOCATION (MUNICIPALITY, Barangay) | WELL NUMBER | DRILLING DEPTH (m) | ACTUAL CAPACITY (lps) | SPECIFIC CAPACITY (lps/m) | STATIC WATER LEVEL (mbgs) |
|---|----------------|-----------------------|-----------------------------|---------------------------------|------------------------------------|
| NULING | | | | | |
| 1. Lower Panatan | NWSA 20314 | 25.90 | 0.63 | 0.69 | 0.915 |
| 2. Matingin Elem. Sch. | NWSA 196217 | 21.95 | 0.32 | 0.13 | 2.44 |
| 3. Poblacion – Town Site | NWSA 196083 | 19.82 | 0.63 | 0.69 | 0.915 |
| 4. Pigkiligan | NWSA 15425 | 29.60 | 0.63 | 0.413 | 1.52 |
| 5. Macabiso | NWSA 6276 | 19.82 | 1.26 | 1.03 | 1.22 |
| 6. Central Panatan | NWSA 196018 | 55.79 | 0.63 | 0.05 | 13.11 |
| 7. Leprosarium Hospital | NWSA 15427 | 30.49 | 0.95 | 0.62 | 1.52 |
| 8. Leprosarium Hospital | NWSA 196114 | 30.79 | 0.63 | 0.413 | 1.52 |
| 9. Gang | NWSA 13007 | 9.45 | 0.63 | 0.21 | 3.05 |
| 10. Crossing Penaring | NWSA 13908 | 8.73 | 0.32 | 0.15 | 2.13 |
| 11. Giate | NWSA 20311 | 12.20 | 0.63 | 2.07 | 0.305 |
| 12. Dalumangcub | NWSA 6277 | 32.93 | 0.95 | 3.10 | 0.305 |
| 13. Dagubongan | NWSA 16221 | 62.50 | 0.95 | 0.62 | 1.52 |
| 14. Banatin | NWSA 20313 | 24.40 | 0.63 | 0.138 | 4.57 |
| 15. Baut | NWSA 196112 | 25.61 | 0.63 | 0.69 | 0.915 |
| 16. Banubo | NWSA 196113 | 14.63 | 0.63 | 0.413 | 1.52 |
| 17. Alamada | NWSA 15426 | 17.07 | 0.95 | 0.52 | 1.83 |
| 18. Raguisi | NWSA 10516 | 36.59 | 0.63 | 0.29 | 2.13 |
| 19. Salimbao | NWSA 13906 | 14.02 | 0.32 | 0.05 | 6.09 |
| 20. Pasungan | NWSA 10515 | 30.79 | 0.63 | | - |
| 21. Tula-Tula | NWSA 196218 | 25.90 | 0.63 | 0.413 | 1.52 |
| 22. Ungap | NWSA 20312 | 36.59 | 0.63 | 0.63 | 1.52 |
| 23. Pianring | NWSA 10512 | 51.83 | 0.63 | | - |
| 24. Makaguiling | NWSA 20310 | 8.54 | 0.63 | | |
| 25. Macabiao | NWSA 10513 | 39.02 | 0.63 | 0.34 | 1.83 |
| 26. Pigkilegan | NWSA 10514 | 18.90 | 0.95 | - | |
| PAGALUNGAN | | | | | |
| 1. Poblacion | NWSA 6017 | 18.90 | 0.95 | | 0.305 |
| 2. Agakan | NWSA 13400 | 58.54 | - | | - |
| 3. Catitisan | NWSA 13401 | 56.40 | 0.38 | | |
| 4. Layog | NWSA 13399 | 55.49 | - | | |
| 5. Dungoan | NWSA 7475 | 11.28 | 0.95 | 0.45 | 2.13 |
| 6. Kolanguan | NWSA 13398 | 54.88 | 0.50 | 0.27 | 1.83 |
| 7. BHP Compound | NWSA 19672 | 59.45 | 0.63 | 0.15 | 4.27 |
| 8. Capitol Site | NWSA 19664 | 63.11 | 3.79 | 1.13 | 3.35 |
| 9. Pagagawan | NWSA 13397 | 15.55 | | | |
| 10. Tungol | NWSA 6062 | 14.33 | - | | |

Appendix Table 6-1 Water Well Data by Barangay, Province of Maguindanao

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| LOCATION (MUNICIPALITY, Barangay) | WELL NUMBER | DRILLING DEPTH (m) | ACTUAL CAPACITY (lps) | SPECIFIC CAPACITY (lps/m) | STATIC WATER LEVEL (mbgs) |
|---|--|-----------------------|---------------------------------------|---------------------------------|------------------------------------|
| PARANG | | | | | |
| 1. Logontongan Bongo | NWSA 19681 | 36.59 | - | - | - |
| 2. Km 110 Sarakan | NWSA 5541 | 75.61 | 0.63 | 2.07 | 0.305 |
| 3. Landasan | NWSA 19689 | 44.51 | · · · · · · · · · · · · · · · · · · · | •••• | - |
| 4. Gadongan Bongo | NWSA 1968-8 | 42.38 | ••• | - | - |
| 5. Litayen Bongo | NWSA 19684 | 21.95 | | - | - |
| 6. Pusaka Bongo | NWSA 19686 | 80.18 | | - | - |
| 7. Tagudtongan Bongo | NWSA 19862 | 36.28 | 0.63 | 1.03 | 0.61 |
| 8. Gallego Edcor Farm | NWSA 16883 | 92.99 | | | - |
| 9. Barong-Barong | NWSA 19687 | 67.68 | _ | - | - |
| 10. Lumbayan Bongo | NWSA 19685 | 27.44 | 0.44 | 0.72 | 0.61 |
| 11. 2 nd Well Gallego Edcor | NWSA 16884 | 38.11 | | | - |
| TUMBAO | ************************************** | | | | |
| 1. Gayonga | NWSA 7268 | 29.57 | 1.26 | 0.84 | 1.50 |
| UPI | | | | | |
| 1. Public Market Site | NWSA 196215 | 21.95 | - | - | - |
| 2. Barongotan | NWSA 16224 | 45.73 | 0.63 | - | - |
| 3. Nangi | NWSA 16223 | 9.15 | 0.76 | 0.03 | 26.52 |
| 4. Poblacion Nura | NWSA 16225 | 13.72 | 0.76 | 0.507 | 1.50 |
| 5. Kiblig | NWSA 16222 | 44.21 | | | - |
| AMPATUAN | | | | | |
| 1. Villamar | NWSA 196072 | 28.05 | | - | - |
| 2. Esperanza | NWSA 196073 | 20.43 | 0.63 | 0.42 | 1.50 |
| BULUAN | | | | | |
| 1. Mangalin | NWSA 13409 | 16.77 | 0.63 | 1.03 | 0.61 |
| 2. Sinalukay | NWSA 13410 | 23.48 | 0.63 | 2.03 | 0.305 |
| 3. Pandag | NWSA 196093 | 41.16 | - | - | - |
| 4. Mamali | NWSA 196084 | 21.34 | 0.63 | 0.69 | 0.92 |
| 5. Tamnad | NWSA 13411 | 14.02 | 0.63 | 0.69 | 0.92 |
| 6. Bunawan Settlement | NWSA 14446 | 16.46 | - | - | - |
| 7. Sepaka | NWSA 13412 | 19.82 | 0.63 | 0.69 | 0.92 |
| 8. Alip | NWSA 13408 | 14.02 | 0.57 | 0.93 | 0.61 |
| 9. Bunawan Settlement | NWSA 16882 | 53.66 | 0.63 | 0.15 | 4.27 |
| DINAIG | | | | | |
| 1. Km. 38 Nuro | NWSA 5639 | 30.79 | 0.63 | 0.34 | 1.83 |
| 2. Sapalan Market | NWSA 196086 | 18.29 | 0.95 | - | - |
| 3. Nabilan | NWSA 16226 | 25.90 | 0.76 | 0.51 | 1.50 |
| 4. Labungan | NWSA 196214 | 51.83 | 0.32 | 0.0145 | 21.95 |

Appendix Table 6-1 Water Well Data by Barangay, Province of Maguindanao (cont.)

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| LOCATION (MUNICIPALITY, Barangay) | WELL NUMBER | DRILLING DEPTH (m) | ACTUAL CAPACITY (lps) | SPECIFIC CAPACITY (lps/m) | STATIC WATER LEVEL (mbgs) |
|---|----------------|-----------------------|-----------------------------|---------------------------------|------------------------------------|
| 5. Dimapatoy | NWSA 19622 | 73.17 | 0.63 | 0.138 | 4.57 |
| 6. Dimapatoy Primary Sch. | NWSA 196216 | 73.17 | 0.95 | - | |
| 7. Lalitay | NWSA 12241 | 14.63 | 0.63 | 2.07 | 0.305 |
| 8. Lenik | NWSA 20315 | 15.55 | 0.95 | 1.56 | 0.61 |
| 9. Dalican | NWSA 6278 | 55.49 | 0.95 | 0.09 | 10.98 |
| 10. Lower Barorao | NWSA 196092 | 44.21 | 0.95 | 3.11 | 0.305 |
| 11. Bito | NWSA 196091 | 12.50 | 0.95 | 3.11 | 0.305 |
| 12. Labungan | NWSA 199115 | 33.84 | | _ | |
| 13. Sibuto | NWSA 14451 | 20.73 | 0.63 | + | |
| 14. Brar | NWSA 195931 | 33.54 | 0.63 | 0.21 | 3.05 |
| 15. Kalanganan | NWSA 16230 | 7.62 | 0.63 | | - |
| 16. Bito | NWSA 16229 | 15.24 | 0.63 | 1.03 | 0.61 |
| 17. Brar School | NWSA 196085 | 18.29 | 0.63 | 0.23 | 2.74 |
| COTABATO CITY | | | | | |
| 1. Market Site | NWSA 5487 | 44.21 | 1.89 | 2.07 | 0.92 |
| 2. Tuigon | NWSA 20881 | 8.54 | 0.63 | 0.415 | 1.52 |
| 3. Malagapas | NWSA 196051 | 25.92 | 0.63 | 0.415 | 1.52 |
| 4. Matampay | NWSA 196027 | 13.72 | _ | - | ** ;; ; ; ; ; = - |
| 5. Rosary Height | NWSA 196022 | 34.15 | 0.63 | 0.296 | 2.13 |
| 6. Pagalamatan | NWSA 16228 | 10.67 | 0.76 | 0.62 | 1.22 |
| 7. Hilo Subdivision | NWSA 196245 | 29.88 | | | |
| 8. Banga II | NWSA 7271 | 15.24 | 1.26 | 2.07 | 0.61 |
| 9. Cotabato High School | NWSA 196021 | 27.44 | 3.41 | 0.79 | 4.27 |
| 10. B.P.H. Compound | NWSA 19677 | 35.06 | - | - | |
| 11. Dunguan, Pagalungan | NWSA 7475 | 11.28 | 0.95 | 0.44 | 2.13 |
| 12. Bagua | NWSA 195912 | 17.99 | 0.32 | 1.03 | 0.305 |
| 13. Lanit, Polomolok | NWSA 195952 | 15.24 | 0.32 | | |
| 14. Magamay | NWSA 196812 | 19.82 | | | · |
| 15. Bobong | NWSA 16227 | 9.15 | 0.76 | 0.49 | 1.52 |
| 16. Kalanganan | NWSA 16230 | 7.62 | 0.63 | 0.52 | 1.22 |

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Appendix Table 6-1 Water Well Data by Barangay, Province of Maguindanao (cont.)

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| | Work Items | Quantity | Unit | Unit Cost | Cost |
|----------|--|------------|-----------|--------------------|----------------------|
| A | Mobilization/Demobilization | | | | |
| B | Well Drilling and Geophysical Logging | 1.0 | LS | 9,768.90 | 9,768.90 |
| | 150-mm Dia. borehole by Rotary Method | 10.0 | m | 1,072.29 | 10,722.90 |
| | Geophysical Borehole Logging | 1.0 | LS | 7,231.00 | 7,231.00 |
| | Sub-Total of (B) | | | | 17,953.90 |
| C | Well Development/Disinfection | | | | |
| | Well Development By Airlifting Method | 12.0 | hr | 1,172.24 | 14,066.88 |
| | Disinfection | 1.0 | LS | 4,573.32 | 4,573.32 |
| D | Sub-Total of (C) Furnishing and Installation of 50 mm Dia. Well | | | | 18,640.20 |
| | Casings and Screens, Centralizers, Gravel | | | | |
| | Packing, Cement Grout, Seal, Handpump and | E | | | |
| | Construction of Platform | | | | |
| | 1. Materials | | | | |
| | 50mm diam. uPVC Casing Pipes | 7.5 | m | 101.20 | 759.00 |
| | 50mm diam. uPVC Well Screens | 3.0 | m | 440.00 | 1,320.00 |
| | Centralizers . | 3.0 | рс | 80.00 | 240.00 |
| | Gravel Pack | 5.0 | m | 70.00 | 350.00 |
| | Cement Grout | 2.0 | m | 88.20 | 176.40 |
| | Clay | 1.0 | m | 7.53 | 7.53 |
| | Backfill | 2.0 | m | 6.87 | 13.74 |
| | Hand Pump | 1.0 | no. | 945.00 | 945.00 |
| | Sand | 7.0 0.5 | bag m3 | 140.00 - 400.00 | 980.00 200.00 |
| | Gravel | 1.0 | m3 | 700.00 | 700.00 |
| | 10mmx6m Reinf. Steel Bar | 6.0 | pc | 53.00 | 318.00 |
| | No. 16 GI Wire | 0.5 | kg l | 45.00 | 22.50 |
| | CHB | 35.0 | pc | 7.50 | 262.50 |
| | Sub-Total of Materials | | - | | 6,294.67 |
| | 2. Labor (40% of Materials) | | | | 2,517.87 |
| | 3. Freight Cost (11% of Materials) | | | | 692.41 |
| | Sub-Total of (D) | | | | 9,504.95 |
| E F | Water Quality Analysis Indirect Cost | 1.0 | LS | 1,300.00 | 1,300.00 |
| r | Profit (10% of A to E) | | | | 571600 |
| | Overhead Expense (13% of A to E) | | | | 5,716.80 7,431.83 |
| | VAT (10% of Profit and Overhead Expenses) | | | | 1,314.86 |
| | Sub-Total of (F) | | | | 14,463.49 |
| | Total Construction Cost (A+B+C+D+E+F) | | | | 71,631.44 |
| G | Estimated Government Expenses | | | | 12,002.111 |
| | 1. Preliminary and Detailed Engineering Cost | | | | |
| | 2. Construction Supervision | | | | |
| | Sub-Total of (G) | | | | 0.00 |
| | GRAND TOTAL | | | | 71,631.44 |
| | SAY | | | | 72,000.00 |

Appendix Table 9.1.1 Unit Cost of Level I (Shallow Well - 10m Depth)

Note: L.S. - Lump Sum

Source: DILG-RWSSP V Project Standard Cost Estimate in 2002 Price Level.

Cost Adjusted to 2003 Price Level.

Appendix Table 9.1.2 Unit Cost of Level I (Shallow Well - 20m Depth)

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| | Work Items | Quantity | Unit | Unit Cost | Cost |
|---|---|----------------------------------|------------------------|---|--|
| A | Mobilization/Demobilization | 1.0 | LS | 11,311.40 | 11,311.40 |
| В | Well Drilling and Geophysical Logging 200-mm Dia. borehole by Rotary Method Geophysical Borehole Logging Sub-Total of (B) | 20.0 1.0 | m LS | 1,214.90 7,231.00 | 24,298.00 7,231.00 31,529.00 |
| С | Well Development/Disinfection Well Development By Airlifting Method Disinfection Sub-Total of (C) | 12.0 1.0 | hr LS | 1,172.24 4,573.32 | 14,066.88 4,573.32 18,640.20 |
| D | Furnishing and Installation of 50 mm Dia. Well Casings and Screens, Centralizers, Gravel Packing, Cement Grout, Seal, Handpump and Construction of Platform 1. Materials 100mm diam. uPVC Casing Pipes | 17.5 | m | 310.70 | 5,437.25 |
| | 100mm diam. uPVC Well Screens Centralizers Gravel Pack Cement Grout | 3.0 4.0 10.0 3.0 1.0 | m pc m m m | 1,300.00 80.00 70.00 88.20 7.53 | 3,900.00 320.00 700.00 264.60 7.53 |
| | Clay Backfill Hand Pump Cement | 6.0 1.0 7.0 | m no. bag m3 | 6.87 945.00 140.00 400.00 | 41.22 945.00 980.00 200.00 |
| | Sand Gravel 10mmx6m Reinf. Steel Bar No. 16 GI Wire | 0.5 1.0 6.0 0.5 | m3 pc kg | 700.00 53.00 45.00 | 700.00 318.00 22.50 |
| | CHB Sub-Total of Materials 2. Labor (40% of Materials) 3. Freight Cost (11% of Materials) | 35.0 | pc | 7.50 | 262.50 14,098.60 5,639.44 1,550.85 |
| | Sub-Total of (D) | 1.0 | TO | 1 200 00 | 21,288.89 |
| F | Water Quality Analysis Indirect Cost Profit (10% of A to E) Overhead Expense (13% of A to E) VAT (10% of Profit and Overhead Expenses) Sub-Total of (F) | 1.0 | LS | 1,300.00 | 1,300.00 8,406.95 10,929.03 1,933.60 21,269.58 |
| G | Total Construction Cost (A+B+C+D+E+F) Estimated Government Expenses 1. Preliminary and Detailed Engineering Cost | | | | 105,339.07 |
| | 2. Construction Supervision Sub-Total of (G) GRAND TOTAL | | | | 0.00 105,339.07 105,000.00 |
| L | SAY te: L.S Lump Sum | | 1 | | |

Note: L.S. - Lump Sum

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Source: DILG-RWSSP V Project Standard Cost Estimate in 2002 Price Level. Cost Adjusted to 2003 Price Level.

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

Appendix Table 9.1.3 Unit Cost of Level I (Deep Well - 30m Depth)

| | Work Items | Quantity | Unit | Unit Cost | Cost |
|----------|---|-------------|------|-----------|------------------------|
| A | Mobilization/Demobilization | 1.0 | LS | 11,311.40 | 11,311.40 |
| B | Well Drilling and Geophysical Logging | | | | |
| | 200-mm Dia. borehole by Rotary Method | 30.0 | m | 1,369.77 | 41,093.10 |
| | Geophysical Borehole Logging | 1.0 | LS | 7,231.00 | 7,231.00 |
| <u> </u> | Sub-Total of (B) | | | | 48,324.10 |
| C | Well Development/Disinfection | | | | |
| | Well Development By Airlifting Method | 24.0 | hr | 766.20 | 18,388.80 |
| | Disinfection | 1.0 | LS | 4,453.05 | 4,453.05 |
| D | Sub-Total of (C) Casings and Screens, Centralizers, Gravel | | | | 22,841.85 |
| ען | Packing, Cement Grout, Seal, Handpump, Riser | | | | |
| | pipe and Fittings and Construction of Platform | | | | |
| | 1. Materials | | | | |
| | 100mm diam. uPVC Casing Pipes | 24.5 | m | 310.70 | 7,612.15 |
| | 100mm diam. uPVC Well Screens | 24.J 6.0 | m | 1,300.00 | 7,800.00 |
| | Centralizers | 4.0 | рс | 80.00 | 320.00 |
| | Gravel Pack | 15.0 | m pe | 70.00 | 1,050.00 |
| ł | Cement Grout | 6.0 | m | 88.20 | 529.20 |
| | Clay | 1.0 | m | 7.53 | 7.53 |
| | Backfill | 8.0 | m | 6.87 | 54.96 |
| | Malawi Deep Well Hnad pump | 1.0 | no. | 9,378.00 | 9,378.00 |
| | 50 mm uPVC Riser | 18.0 | m | 101.20 | 1,821.60 |
| | 50 mm uPVC Coupling | 5.0 | no. | 14.10 | 70.50 |
| | 50 mm Male Threaded Adoptor | 1.0 | no. | 27.00 | 27.00 |
| | Cement | . 7.0 | bag | 140.00 | 980.00 |
| | Sand | 0.5 | m3 | 400.00 | 200.00 |
| | Gravel | 1.0 | m3 | 700.00 | 700.00 |
| | 10mmx6m Reinf. Steel Bar | 6.0 | pc | 53.00 | 318.00 |
| | No. 16 GI Wire | 0.5 | kg | 45.00 | 22.50 |
| | CHB | 35.0 | pc | 7.50 | 262.50 |
| | Sub-Total of Materials | | | | 31,153.94 |
| | 2. Labor (40% of Materials) | | | | 12,461.58 |
| | 3. Freight Cost (11% of Materials) | | | | 3,426.93 |
| - | Sub-Total of (D) | 1.0 | | 1 000 00 | 47,042.45 |
| E | Water Quality Analysis | 1.0 | LS | 1,300.00 | 1,300.00 |
| F | Indirect Cost | | | | 12 001 00 |
| | Profit (10% of A to E) Overhead Expense (13% of A to E) | | | | 13,081.98 17,006.57 |
| | VAT (10% of Profit and Overhead Expenses) | | | | 3,008.86 |
| | Sub-Total of (F) | | | | 33,097.41 |
| | | | | | |
| | Total Construction Cost (A+B+C+D+E+F) | | | | 163,917.21 |
| G | Estimated Government Expenses | | | • | |
| | 1. Preliminary and Detailed Engineering Cost | | | | |
| | 2. Construction Supervision | | | | |
| | Sub-Total of (G) | | | | 0.00 |
| | GRAND TOTAL | | | | 163,917.21 |
| L | SAY | | | | 164,000.00 |

Note: L.S. - Lump Sum

Source: DILG-RWSSP V Project Standard Cost Estimate in 2002 Price Level.

Cost Adjusted to 2003 Price Level.

Appendix Table 9.1.4 Unit Cost of Level I (Deep Well - 50m Depth)

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| B Well 200-r Geop C Well Treat Well Disin | ilization/Demobilization Drilling and Geophysical Logging mm Dia. borehole by Rotary Method obysical Borehole Logging Sub-Total of (B) Development/Disinfection tment w/ Polyphosphate and Backwashing Development By Airlifting Method ifection | 1.0 50.0 1.0 12.0 | LS m LS | 11,311.40 1,271.32 7,231.00 | 11,311.40 63,566.00 7,231.00 |
|---|--|----------------------------|---------------|-----------------------------------|------------------------------------|
| 200-r Geop C Well Treat Well Disin | mm Dia. borehole by Rotary Method obysical Borehole Logging Sub-Total of (B) Development/Disinfection tment w/ Polyphosphate and Backwashing Development By Airlifting Method | 1.0 | | | |
| Geop C Well Treat Well Disin | bhysical Borehole Logging Sub-Total of (B) Development/Disinfection tment w/ Polyphosphate and Backwashing Development By Airlifting Method | 1.0 | | | |
| C Well Treat Well Disin | Sub-Total of (B) Development/Disinfection Iment w/ Polyphosphate and Backwashing Development By Airlifting Method | 12.0 | LS | 7,231.00 | 7 231 00 1 |
| Treat Well Disin | Development/Disinfection tment w/ Polyphosphate and Backwashing Development By Airlifting Method | | | | 1,000 |
| Treat Well Disin | tment w/ Polyphosphate and Backwashing Development By Airlifting Method | | | 1 | 70,797.00 |
| Well Disin | Development By Airlifting Method | | | | |
| Disin | | | hr | 929.07 | 11,148.84 |
| | fection | 24.0 | hr | 795.27 | 19,086.48 |
| | noodon | 1.0 | LS | 6,370.18 | 6,370.18 |
| | Sub-Total of (C) | | | | 17,519.02 |
| | ngs and Screens, Centralizers, Gravel | | | | |
| | ting, Cement Grout, Seal, Handpump, Riser | | | | |
| pipe | and Fittings and Construction of Platform | | | | |
| 1. Ma | aterials | | | | |
| 11 | nm diam. uPVC Casing Pipes | 44.5 | m | 310.70 | 13,826.15 |
| 14 | nm diam. uPVC Well Screens | 6.0 | m | 1,300.00 | 7,800.00 |
| | ralizers | 4.0 | pc | 80.00 | 320.00 |
| E | el Pack | 20.0 | m | 70.00 | 1,400.00 |
| | ent Grout | 6.0 | m | 88.20 | 529.20 |
| Clay | | 1.0 | m | 7.53 | 7.53 |
| Back | | 23.0 | m | 6.87 | <u></u> 158.01 |
| | wi Deep Well Hnad pump | 1.0 | no. | 9,378.00 | 9,378.00 |
| | um uPVC Riser | 18.0 | m | 101.20 | 1,821.60 |
| | un uPVC Coupling | 5.0 | no. | 14.10 | 70.50 |
| 11 | um Male Threaded Adoptor | 1.0 | no. | 27.00 | 27.00 |
| Ceme | | 7.0 | bag | 140.00 | 980.00 |
| Sand | | 0.5 | m3 | 400.00 | 200.00 |
| Grav | | 1.0 | m3 | 700.00 | 700.00 |
| 11 | mx6m Reinf. Steel Bar | 6.0 | pc | 53.00 | 318.00 |
| 11 | 16 GI Wire | 0.5 | kg | 45.00 | 22.50 |
| CHB | | 35.0 | pc | 7.50 | 262.50 |
|) | Sub-Total of Materials | | | | 37,820.99 |
| 18 | abor (40% of Materials) | | | | 15,128.40 |
| 5. FR | eight Cost (11% of Materials) | | | | 4,160.31 |
| E Wate | Sub-Total of (D) er Quality Analysis | 1.0 | LS | 1,300.00 | 57,109.69 1,300.00 |
| | rect Cost | 1.0 | | 1,500.00 | 1,00000 |
| 16 | it (10% of A to E) | | | | 15,803.71 |
| 11 | rhead Expense (13% of A to E) | | | | 20,544.82 |
| 11 | (10% of Profit and Overhead Expenses) | | | | 3,634.85 |
| | Sub-Total of (F) | | | | 39,983.39 |
| Tota | al Construction Cost (A+B+C+D+E+F) | | | | 198,020.50 |
| | mated Government Expenses | | | | |
| | eliminary and Detailed Engineering Cost | | | | |
| 11 | onstruction Supervision | | | | |
| | Sub-Total of (G) | | | | 0.00 |
| GRA | AND TOTAL | | | | 198,020.50 |
| SAY | | | | | 198,000.00 |

Note: L.S. - Lump Sum

Source: DILG-RWSSP V Project Standard Cost Estimate in 2002 Price Level.

Appendix Table 9.1.5 Unit Cost of Level I (Deep Well - 70m Depth)

| | Work Items | Quantity | Unit | Unit Cost | Cost |
|----------|--|-------------|---------|-----------|------------------------|
| A | Mobilization/Demobilization | 1.0 | LS | 11,311.40 | 11,311.40 |
| | Well Drilling and Geophysical Logging | * | | | |
| | 200-mm Dia. borehole by Rotary Method | 70.0 | m | 1,132.14 | 79,249.80 |
| | Geophysical Borehole Logging | 1.0 | LS | 7,231.00 | 7,231.00 |
| | Sub-Total of (B) | | | | 86,480.80 |
| C | Well Development/Disinfection | | | | |
| | Treatment w/ Polyphosphate and Backwashing | 12.0 | hr | 929.07 | 11,148.84 |
| | Well Development By Airlifting Method | 24.0 | hr | 795.27 | 19,086.48 |
| | Disinfection | 1.0 | LS | 6,370.18 | 6,370.18 |
| | Sub-Total of (C) | | | | 17,519.02 |
| D | Furnishing and Installation of 50 mm Dia. Well | | | | |
| | Casings and Screens, Centralizers, Gravel | | | | |
| | Packing, Cement Grout, Seal, Handpump, Riser | | | | |
| | pipe and Fittings and Construction of Platform | | | | |
| | 1. Materials 100mm diam. GI Casing Pipes | 64.5 | | 663.40 | 10 700 20 |
| | 100mm diam. Gi Casing Pipes | 6.0 | m | 1,666.67 | 42,789.30 10,000.00 |
| | Centralizers | 6.0 6.0 | m | 1,000.07 | 828.00 |
| | Gravel Pack | 20.0 | рс m | 70.00 | 1,400.00 |
| | Cement Grout | 20.0 6.0 | m | 88.20 | 529.20 |
| | Clay | 1.0 | m | 7.53 | 7.53 |
| | Backfill | 43.0 | m | 6.87 | 295.41 |
| | Malawi Deep Well Hnad pump | 1.0 | no. | 9,378.00 | 9,378.00 |
| | 50 mm uPVC Riser | 18.0 | m | 101.20 | 1,821.60 |
| | 50 mm uPVC Coupling | 5.0 | no. | 14.10 | 70.50 |
| | 50 mm Male Threaded Adoptor | . 1.0 | no. | 27.00 | 27.00 |
| | Cement | 7.0 | bag | 140.00 | 980.00 |
| | Sand | 0.5 | m3 | 400.00 | 200.00 |
| | Gravel | 1.0 | m3 | 700.00 | 700.00 |
| | 10mmx6m Reinf. Steel Bar | 6.0 | pc | 53.00 | 318.00 |
| | No. 16 GI Wire | 0.5 | kg | 45.00 | 22.50 |
| | CHB | 35.0 | рс | 7.50 | 262.50 |
| | Sub-Total of Materials | | | | 69,629.54 |
| | 2. Labor (40% of Materials) | | | | 27,851.82 |
| | 3. Freight Cost (11% of Materials) | | | | 7,659.25 |
| - | Sub-Total of (D) | 1.0 | Ta | 1 200 00 | 105,140.61 |
| | Water Quality Analysis Indirect Cost | 1.0 | LS | 1,300.00 | 1,300.00 |
| L, | Profit (10% of A to E) | | | | 22,175.18 |
| | Overhead Expense (13% of A to E) | | | | 28,827.74 |
| | VAT (10% of Profit and Overhead Expenses) | | | | 5,100.29 |
| | Sub-Total of (F) | | | | 56,103.21 |
| <u> </u> | | | | | |
| | Total Construction Cost (A+B+C+D+E+F) | | | 1- | 277,855.04 |
| G | Estimated Government Expenses | | | | |
| | 1. Preliminary and Detailed Engineering Cost | | | | |
| | 2. Construction Supervision | | | | 0.00 |
| <u> </u> | Sub-Total of (G) GRAND TOTAL | | | | 277,855.04 |
| | SAY | | | | 314,000.00 |

Note: L.S. - Lump Sum

Source: DILG-RWSSP V Project Standard Cost Estimate in 2002 Price Level.

Cost Adjusted to 2003 Price Level.

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| | Work Items | Quantity | Unit | Unit Cost | Cost |
|----------|--|----------|------------|------------|------------|
| A | Deep Well Source (30m) | 1.0 | LS | 149,910.66 | 149,910.66 |
| B | Pumping Unit | 1.0 | LS | 70,000.00 | 70,000.00 |
| C | RC Elevated Tank: | | | | |
| | 1. Materials | | | | |
| | Portland Cement | 211.0 | bags | 140.00 | 29,540.00 |
| | Waterproofing Compound | 100.0 | bags | 70.00 | 7,000.00 |
| l | Washed Sand | 13.0 | cu.m. | 250.00 | 3,250.00 |
| | Crushed Gravel | 26.0 | cu.m. | 400.00 | |
| | Type A Boulder | | | | 10,400.00 |
| | 1 fmm x 6m. Reinf. Steel Bars | 3.0 | cu.m. | 250.00 | 750.00 |
| | 12mm x 6m Reinf. Steel Bars | 224.0 | pcs. | 175.00 | 39,200.00 |
| | 10mm x 6m Reinf. Steel Bars | 145.0 | pcs. | 85.00 | 12,325.00 |
| | 20mm x 6m GI Steel Bars | 89.0 | pcs. | 60.00 | 5,340.00 |
| | | 4.0 | pcs. | 350.00 | 1,400.00 |
| | Sub-Total of Materials | | | | 109,205.00 |
| | 2. Labor (40% of Materials) | | | | 43,682.00 |
| | 3. Freight Cost (11% of Materials) | | | | 12,012.55 |
| D | Sub-Total of (C) Pump House | 1.0 | | 20.000.00 | 164,899.55 |
| E | Forms & Scaffoldings | 1.0 | | 30,000.00 | 30,000.00 |
| F | Distribution System: | 1.0 | LS | 20,000.00 | 20,000.00 |
| 1 | 1. Materials | | | | 1 |
| | 50mm GI Pipe, Sch. 40 | 14.0 | | 250.00 | 2 500 00 |
| - | 50mm uPVC Pipe, Class 150 | 94.0 | m | 250.00 | 3,500.00 |
| | 38mm uPVC Pipe, Class 150 | 672.0 | m | 125.00 | 11,750.00 |
| | 25mm uPVC Pipe, Class 150 | | m | 80.00 | 53,760.00 |
| | Sub-Total of Materials | 253.0 | m | 55.00 | 13,915.00 |
| | 2. Labor (40% of Materials) | | | | 82,925.00 |
| | 3. Freight Cost (11% of Materials) | | | | 33,170.00 |
| | Sub-Total of (F) | | | | 9,121.75 |
| G | Public Faucets, Fire Hydrant and Fittings | | | | 125,216.75 |
| | 1. Materials | | | | |
| | Faucet W/ RC Stand Posts | 33.3 | cot | 2 500 00 | 02 222 22 |
| | Fire Hydrants | 4.0 | set | 2,500.00 | 83,333.33 |
| | Fittings, Appurtenances | 1.0 | pcs. LS | 7,500.00 | 30,000.00 |
| | Sub-Total of Materials | 1.0 | 1.0 | 18,000.00 | 18,000.00 |
| | 2. Labor (40% of Materials) | | | | 131,333.33 |
| | 3. Freight Cost (11% of Materials) | | | | 52,533.33 |
| | Sub-Total of (G) | | | | 14,446.67 |
| H | Indirect Cost | | ····· | | 198,313.33 |
| | Profit (10% of A to G) | | | | 75,834.03 |
| | Overhead Expense (13% of A to G) | | | | 98;584.24 |
| | VAT (10% of Profit and Overhead Expenses) | | | | - |
| | Sub-Total of (H) | | | | 17,441.83 |
| | | | | | 191,860.09 |
| T | Total Construction Cost (A+B+C+D+E+F+G+H) Estimated Government Expenses | | | | 950,200.39 |
| | - | | | | |
| | 1. Preliminary and Detailed Engineering Cost | | | | |
| | 2. Construction Supervision | | | | _ |
| | Sub-Total of (I) | | | | 0.00 |
| | Total Estimated Cost | | | | 950,200.39 |
| L | Unit Cost per person Served : L.S Lump Sum | | | - | 1,583.67 |

Appendix Table 9.1.6 Unit Cost of Level II (Deep Well Source, 600 Service Population)

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Source: DILG Standard Cost Estimate in 2003 Price Level.

Appendix Table 9.1.7 Unit Cost of Level II (Spring Source, 600 Service Population)

| Sheet 1 of 2 | | · · · · · · · · · · · · · · · · · · · | | (Cost: Peso) |
|--|----------|---------------------------------------|-----------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| A. Mobilization/Demobilization | | L.S. | | 5,412.16 |
| B. Construction of Spring Box | | | | |
| 1. Materials | | L.S. | | 43,189.04 |
| 2. Labor (35% of 1.) | | L.S. | | 13,965.00 |
| 3. Freight Cost (11% of Materials) | | L.S. | | 4,389.00 |
| Sub-Total of B | | | | 61,543.04 |
| C. Installation of Pipelines & Fittings | | | | |
| 1. Transmission Main | | | | |
| (1) Materials | | | | |
| 1) 63mm dia. PVC Pipe (Class 12.5 with pusher type socket | 500 | pcs. | 969.86 | 484,929.61 |
| 2) 63mm dia. Tee | 1 | no. | 105.00 | 105.00 |
| 3) Solvent Cement | 40 | cans | 54.12 | 2,164.86 |
| 4) 63mm dia. x 50mm dia. Nipple | 3 | nos. | 161.28 | 483.85 |
| 5) 63mm dia. Union Patente | 1 | pc. | 205.66 | 205.66 |
| 6) 63mm dia. x 50mm dia. Reducing Socket | 2 | pcs. | 124.48 | 248.96 |
| 7) 63mm dia. Elbow (90 deg.) | 1 | pc | 89.84 | 89.84 |
| 8) 63mm dia. Elbow (45 deg.) | 1 | pc. | 88.76 | 88.76 |
| 9) 63mm dia. Gate Valve | 3 | pcs. | 910.33 | 2,730.98 |
| Sub-Total of Materials | - | - | | 491,047.51 |
| (2) Labor (35% of Material Cost) | | L.S. | | 171,866.63 |
| (3) Freight Cost (11% of Materials) | | L.S. | | 54,015.23 |
| Sub-Total of Transmission Main | | | | 716,929.37 |
| 2. Distribution Pipeline | | | | |
| (1) Materials | | | | |
| 1) 50mm dia. PVC Pipe (Class 12.5 with pusher type socket) | 20 | pcs. | 536.89 | 10,737.73 |
| 2) 38mm dia. PVC Pipe (Class 12.5 with pusher type socket) | 30 | pcs. | 357.20 | 10,716.08 |
| 3) 20mm dia. PVC Pipe (Class 40 with pusher type socket) | 10 | pcs. | 119.07 | 1,190.68 |
| 4) 13mm dia. x 1 m Stand Pipe | 10 | pcs. | 111.49 | 1,114.91 |
| 5) Solvent Cement | 4 | cans | 54.12 | 216.49 |
| 6) Fittings | | | | |
| a. 50mm dia. x 150mm PVC Nipple | 3 | pcs. | 148.29 | 444.88 |
| b. 32mm dia. x 150mm PVC Nipple | 3 | pcs. | 89.84 | 269.53 |
| c. 13mm dia. x 150mm PVC Nipple | 40 | pcs. | 29.23 | 1,169.03 |
| d. 50mm dia. Union Patente | 1 | pcs. | 193.76 | 193.76 |
| e. 32mm dia, Union Patente | 2 | pcs. | 84.43 | 168.86 |
| f. 13mm dia. Union Patente | 10 | pcs. | 29.23 | 292.26 |
| g. 50mm dia. x 32mm dia. Reducing Socket | 6 | pcs. | 107.16 | 642.96 |
| h. 32mm dia. x 20mm dia. Reducing Socket | 10 | pcs. | 83.35 | 833.47 |
| i. 13mm dia. x 13mm dia. Reducing Socket | 10 | pcs. | 64.95 | 649.46 |

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Appendix Table 9.1.8 Unit Cost of Level III (5,000 Service Population)

| | | | | (Cost: Peso) |
|--|----------|------|--------------|-----------------------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| A. Mobilization/Demobilization | | L.S. | | 357,203 |
| B. Source Development and Storage | | | | |
| 1. Deep Well | 1 | No. | 1,915,904.92 | 1,915,904.92 |
| 2. Deep Well Pump | 1 | No. | 684,097.13 | 684,097.13 |
| 3. Chlorinator House & Equipment | 1 | L.S. | 519,567.44 | 519,567.44 |
| 4. Storage Tank (250 cu.m.) | 1 | No. | 1,298,918.59 | 1,298,918.59 |
| Sub-Total of B | | | | 4,418,488.08 |
| C. Transmission Main | | | | |
| 1. 160mm dia. | 500 | L.M. | 1,335.72 | 667,860.64 |
| Sub-Total of C | | | 1,335.72 | 667,860.64 |
| | | | 1,103.00 | |
| D. Distribution Main | | | | |
| 1. 160mm dia. | 1,000 | No. | 697.14 | 697,137.33 |
| 2. 110mm dia. | 3,000 | No. | 1,103.00 | 3,308,995.11 |
| 3. 90mm dia. | 3,000 | L.S. | 691.67 | 2,075,022.45 |
| 4. 75mm dia. | 5,000 | No. | 644.05 | 3,220,235.68 |
| Sub-Total of D | | | | 9,301,390.57 |
| E. Service Connections | 1,000 | Nos. | 2,314.24 | 2,314,239.96 |
| F. Miscellaneous | | | - <u>-</u> | |
| 1. Vehicle | 1 | No. | 655,953.89 | 655,953.89 |
| 2. Office & Workshop Building | 1 | No. | 655,953.89 | 655,953.89 |
| 3. Office Equipment | | L.S. | | 119,067.54 |
| 4. Tools and Spare Parts | | L.S. | | 119,067.54 |
| Sub-Total of F | | | | 1,550,042.85 |
| Total Direct Cost (A+B+C+D+E+F) | | | | 18,609,224.72 |
| G. Indirect Cost (25% of Direct Cost) | | | | 4,652,306.18 |
| Total Estimated Cost (2003 Price Level) | | | | 23,261,530.89 |
| Unit Cost per Person Served | | | | |
| For New Construction | | | | 4,652.31 |
| | | | say | 4,600.00 |
| | | | Suj | 7,000.00 |
| For Expansion of Existing System (Exclude F) | | | | 1 2 4 2 2 0 |
| | | | say | 4,342.30 4,300.00 |

Note: L.S. - Lump Sum

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Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

Appendix Table 9.1.9 Unit Cost of Level III (10,000 Service Population)

| | | | (Cost: Peso) |
|--|---------|--------------|---------------|
| Description | Unit | Unit Cost | Cost |
| A. Mobilization/Demobilization | L.S. | | 357,202.61 |
| B. Source Development and Storage | | | |
| 1. Deep Well | No. | 1,915,904.92 | 1,915,904.92 |
| 2. Deep Well Pump | No. | 684,097.13 | 684,097.13 |
| 3. Chlorinator House & Equipment | L.S. | 519,567.44 | 519,567.44 |
| 4. Storage Tank (250 cu.m.) | No. | 1,298,918.59 | 1,298,918.59 |
| Sub-Total of B | | | 4,418,488.08 |
| C. Transmisison Main | | | |
| 1. 160mm dia. | L.M. | 1,335.72 | 667,860.64 |
| Sub-Total of C | | | 667,860.64 |
| D. Distribution Main | | | |
| 1. 160mm dia. | No. | 1,335.72 | 2,671,442.57 |
| 2. 110mm dia. | No. | 1,103.00 | 5,514,991.86 |
| 3. 90mm dia. | L.S. | 691.67 | 4,150,044.90 |
| 4. 75mm dia. | No. | 644.05 | 5,152,377.08 |
| Sub-Total of D | | | 17,488,856.41 |
| E. Service Connections | Nos. | 2,099.92 | 4,199,836.78 |
| F. Miscellaneous | | | |
| 1. Vehicle | No. | 655,953.89 | 655,953.89 |
| 2. Office & Workshop Building | No. | 655,953.89 | 655,953.89 |
| 3. Office Equipment | L.S. | | 119,067.54 |
| 4. Tools and Spare Parts | L.S. | | 119,067.54 |
| Sub-Total of F | | | 1,550,042.85 |
| Total Direct Cost (A+B+C+D+E+F) | | | 28,682,287.38 |
| G. Service Connections | Nos. | 2,314.24 | 7,170,571.84 |
| Total Estimated Cost | <u></u> | | 35,852,859.22 |
| Unit Cost per Person Served | | | |
| For New Construction | | | 3,585.29 |
| | | | 3,600.00 |
| For Expansion of Existing System (Exclude F) | | | 3,430.28 |
| | | | 3,000.00 |

Note: L.S. - Lump Sum

Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao ()

Appendix Table 9.1.10 Unit Cost of Pour Flush Toilet with Double Pit Latrine

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| Appendix Table 9.1.10 Unit Cost of Pour Flush Tohet | | | | (Cost: Peso) |
|---|--|---|--|--|
| Description | Quantity | Unit | Unit Cost | Cost |
| A. Earthwork 1. Materials (1) Gravel Fill Sub-Total of A-1 | 1 | cu.m. | 458.95 | 458.95 458.95 |
| 2. Labor (1) Excavation (2) Backfill (3) Gravel Fill | 6 2 1 | cu.m. cu.m. cu.m. | 141.80 128.81 167.78 | 850.79 257.62 167.78 |
| Sub-Total of A-2 Sub-Total of A | 1 | Cu.m. | 107.70 | 1,276.19 1,735.14 |
| B. Concrete Work 1. Materials Slab on wood planks | | | | |
| 16 - 2" x 8" x 6' Coco Lumber 10mm dia. x 6.0m Rebar #16 Tie Wire Cement Sand Gravel Stone Lining with Mortar | 128 3 1 10 2 2 | bd.ft pcs. kg. bags cu.m cu.m L.S. | 8.66 58.45 58.45 138.55 362.61 458.95 | 1,108.4 175.3 29.2 1,385.5 543.9 917.9 1,206.9 |
| 2. Labor (25% of B-1) Sub-Total of B-2 Sub-Total of B | | L.U. | | 5,367.2 1,341.8 1,341.8 6,709.0 |
| C. Carpentry Work 1. Materials (1) Nipa (2) 1.5m x 1.8m, amakan (3) 2x3x10' Coco Lumber (4) 2x2x10' Coco Lumber (5) 3"dia. Bamboo (6) Assorted CWN (7) Rattan wire (8) Pale (medium) (9) 3"dia. PVC x 3m (10) 3"dia. PVC Elbow (11) PVC solvent (12) Ga. 31 x 8' plain GI sheet Sub-Total of C-1 2. Labor (25% of D-1) Sub-Total of C-2 Sub-Total of C-2 | 60 3 20 33 3 4 20 1 1 2 1 1 | pcs. pcs. bd.ft lights kgs. pc. pc. pc. pcs. pint sheet | $\begin{array}{c} 2.16\\ 75.77\\ 10.82\\ 10.82\\ 21.65\\ 43.30\\ 1.08\\ 205.66\\ 194.84\\ 16.24\\ 54.12\\ 216.49\end{array}$ | 129.8 227.3 216.4 360.4 64.9 173.1 21.6 205.6 194.8 32.4 54.1 216.4 1,897.5 474.3 474.3 2,371.8 |
| D. Plumbing 1. Materials (1) Toilet Bowl-Squat Type (2) 75mm dia .x 6.0m PVC Pipe Sub-Total of D-1 | 1 | pc. pc. | 652.71 153.71 | 652.7 153.7 806.4 |
| 2. Labor (25% of D-1) Sub-Total of D-2 Sub-Total of D | | | | 201.6 201.6 1,008. 0 |
| E. Transportation Cost (excluding indigenous materials) F. Indirect Cost | | L.S. | | 324.7 |
| Profit (10% of A-D) VAT (10% of Profit & Labor) Sub-Total of F | | | | 1,182.4 435.0 1,617. 4 |
| Total Construction Cost (A+B+C+D+E+F) | | | say | 13,766.1 14,000.0 |

Note: L.S. - Lump Sum

Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

Appendix Table 9.1.11 Unit Cost of Flush Water Sealed with Septic Tank Toilet

| Description | 0 | | | (Cost: Peso) |
|---|----------|--------|-----------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| A. Demolition | | L.S. | | 1,082 |
| B. Earthwork | | | | |
| I. Materials | | | | |
| (1) Gravel Fill | 1 | cu.m. | 458.95 | 458.95 |
| Sub-Total of B-1 | | | | 458.95 |
| 2. Labor | | | | |
| (1) Excavation | 6 | cu.m. | 141.80 | 850.79 |
| (2) Backfill | 2 | cu.m. | 128.81 | 257.62 |
| (3) Gravel Fill | 1 | cu.m. | 167.78 | 167.78 |
| Sub-Total of B-2 | | | | 1,276.19 |
| Sub-Total of B | | | | 1,735.14 |
| C. Transmisison Main | | | | |
| 1. Materials | | | | |
| Slab on wood planks | | 4 | | |
| (1) 16 - 2" x 8" x 6' Coco Lumber | 128 | bd.ft | 8.66 | 1,108.41 |
| (2) 10mm dia. x 6.0m Rebar | 3 | pcs. | 58.45 | 175.35 |
| (3) #16 Tie Wire | 1 | kg. | 58.45 | 29.23 |
| (4) Cement | 10 | bags | 138.55 | 1,385.51 |
| (5) Sand | 2 | cu.m | 362.61 | 543.92 |
| (6) Gravel | 2 | cu.m | 458.95 | 917.90 |
| (7) Stone Lining with Mortar | | L.S. | 0.00 | 1,206.91 |
| Sub-Total of C-1 | | | | 5,367.24 |
| 2. Labor (30% of C-1) | | | | 1,610.17 |
| Sub-Total of C | | | | 6,977.41 |
| D. Carpentry Work | | | | |
| 1. Materials | | | | |
| (1) Nipa | 60 | pcs. | 2.16 | 129.89 |
| (2) 1.5m x 1.8m, amakan | 3 | pcs. | 75.77 | 227.31 |
| (3) 2x3x10' Coco Lumber | 20 | bd.ft | 10.82 | 216.49 |
| (4) $2x2x10'$ Coco Lumber | 33 | bd.ft | 10.82 | 360.45 |
| (5) 3"dia. Bamboo | 3 | lights | 21.65 | 64.95 |
| (6) Assorted CWN | 4 | kgs. | 43.30 | 173.19 |
| (7) Rattan wire | 20 | - | | |
| Sub-Total of D-1 | 20 | pcs. | 1.08 | 21.65 |
| 2. Labor (30% of D-1) | | | | 1,193.92 |
| 2. Labor (50% of D-1) Sub-Total of D | | 5 | | 358.18 |
| E. Plumbing | | | | 1,552.10 |
| 1. Materials | | | | |
| (1) Water Closet | , | 0.54 | 4 070 04 | 4.000.04 |
| | I | set | 4,870.94 | 4,870.94 |
| (2) Water line and sanitary fixtures | | L.S. | | 1,623.65 |
| Sub-Total of E-1 | | | | 6,494.59 |
| 2. Labor (30% of E-1) | | | | 1,948.38 |
| Sub-Total of E | | | | 8,442.97 |
| F. Transportation Cost | | L.S. | | 541.22 |
| (excluding indigenous materials) | | | | |
| G. Indirect Cost | | | | |
| Profit (10% of A-F) | | | | 2,033.13 |
| VAT (10% of Profit & Labor) | | | | 722.60 |
| Sub-Total of G | | | | 2,755.73 |
| Total of Construction Cost | | | | |
| (A+B+C+D+E+F+G) | | | | 23,087.00 |
| | | | say | 23,000.00 |

Note: L.S. - Lump Sum

Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

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| Description | Quantity | Unit | Unit Cost | Cost |
|---|---------------|----------------|----------------|--------------------|
| A. Mobilization and Demobilization | | L.S. | | 5,953.3 |
| B. Earthwork | | | | |
| 1. Materials | | | | |
| (1) Gravel Fill | 3.00 | cu.m. | 458.95 | 1,376.8 |
| Sub-Total of B-1 | | | | 1,376.8 |
| 2. Labor | | | | |
| (1) Excavation | 15.88 | cu.m. | 141.80 | 2,251.7 |
| (2) Backfill | 4.97 | cu.m. | 128.81 | 640.1 |
| (3) Gravel Fill | 3.00 | cu.m. | 167.78 | 503.3 |
| Sub-Total of B-2 | | | | 3,395.2 |
| Sub-Total of B | | | | 4,772.1 |
| C. Concrete Work | | | | |
| 1. Materials | | | 100.55 | - 1 |
| (1) Cement | 61.00 | bags | 138.55 | 8,451.6 |
| (2) Sand | 4.00 | cu.m. | 362.61 | 1,450.4 |
| (3) Gravel | 8.00 | cu.m | 458.95 | 3,671.6 |
| (4) Rebars: 12mm dia. x 6m10mm dia. x 6m | 38.00 | pcs. | 80.10 | 3,043.8 |
| | 57.00 8.00 | pcs. | 58.45 | . 3,331.7 |
| | 0.00 | kgs. | 58.45 | 467.6 |
| (6) Formworks: 1/4" Plywood | 6.00 | - | 482.76 | 0.0 2,896,5 |
| 2"x2"x10" Coco Lumber | 200.00 | pcs. bd.ft. | 482.76 8.66 | 2,890,2 1,731.8 |
| Sub-Total of C-1 | 200.00 | 04.11. | 0.00 | 25,045.3 |
| 2. Labor (30% of C-1) | | L.S. | | 7,513.5 |
| 2. Labor (50% of C-1) Sub-Total of C | | 10,0, | | 32,558.9 |
| D. Masonry Work | | | | |
| 1. Materials | | | | |
| (1) 6"CHB | 800.00 | pcs. | 6.49 | 5,195.6 |
| (2) 4"CHB | 260.00 | pcs. | 5.41 | 1,407.1 |
| (3) Cement | 97.00 | bags | 138.55 | 13,439.4 |
| (4) Sand | 10.00 | cu.m. | 362.61 | 3,626.1 |
| (5) Rebars: 12mm dia. x 6m | 30.00 | pcs. | 80.10 | 2,403.0 |
| 10mm dia. x 6m | 11.00 | pcs. | 58.45 | 642.9 |
| (6) #16 Tie Wire | 4.00 | kgs. | 58.45 | 233.8 |
| (7) Scaffolding | | | | |
| 2"x4"x8" = 10 pcs. Coco Lumber | 53.33 | bd.ft. | 8.66 | 461.8 |
| Sub-Total of D-1 | | | | 27,410.0 |
| 2. Labor (30% of D-1) | | L.S. | | 8,223.0 |
| Sub-Total of D | | | | 35,633.0 |
| E. Roofing Works | | | | •. |
| 1. Materials | | | | |
| (1) GA #26 Corr. $GI(1=10')$ | 20.00 | bd.ft | 313.91 | · 6,278.1 |
| (2) GA #24 Pln. GI Flashing | 3.00 | pcs. | 303.08 | 909.2 |
| (3) GA #24 Pln. GI Gutter (Pre-Fab) | 9.00 | kg. | 303.08 | 2,727.1 |
| (4) Umbrella Nails 2 - 1/2" | 12.00 | bags | 49.79 | 597.5 |
| (5) Rafter - $2"x5"x18' = 5 pcs$. | 75.00 | bd.ft. | 35.72 | 2,679.0 |
| (6) Purlins - $2''x2''x12' = 18$ pcs. | 72.00 | bd.ft. | 35.72 | 2,571.5 |
| (7) WD Cleats $-2''x2''x10' = 6$ pcs. | 20.00 | bd.ft. | 35.72 | 714.4 |

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| Sheet 2 of 5 | | | <u> </u> | (Cost: Peso) |
|--|----------|--------------|-----------|-----------------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| (8) Nailers - $2''x2''x12' = 30$ pcs. | 120.00 | bd.ft. | 35.72 | 4,286.43 |
| -2"x2"x10' =36 pcs. | 120.00 | bd.ft. | 35.72 | 4,286.43 |
| (9) Fascia Board | | | | |
| 1"x12"x12'=4 pcs. | 48.00 | bd.ft. | 35.72 | 1,714.57 |
| 1"x12"x18'=2 pcs. | 36.00 | bd.ft. | 35.72 | 1,285.93 |
| (10) Wood Plate | | | | |
| 2"x4"x20'=2 pcs. | 26.66 | bd.ft. | 35.72 | 952.30 |
| (11) 1/4"Thk. Mar. Plywood 4"x 8" | 14.00 | pcs. | 32.47 | 454.62 |
| (12) C.W.N. Assorted | 15.00 | kgs. | 32.47 | 487.09 |
| (13) 3" dia. x 3 m Downspout (PVC) | 3.00 | pcs. | 92.01 | . 276.02 |
| (14) 3" dia. Elbow (PVC) | 2.00 | pcs. | 16.24 | 32.47 |
| (15) 3" dia. Coupling (PVC) | 1.00 | pcs. | 15.15 | 15.15 |
| (16) Ceiling Vent | | 1 | | |
| 1''x1''x8' = 4 pcs. | 2.67 | bd.ft. | 92.01 | 245.66 |
| (17) Screen (1/8"x1/8") | 1.00 | yd. | 92.01 | 92.01 |
| Sub-Total of E-1 | | | | 30,606.56 |
| 2. Labor (30% of E-1) | | L.S. | | 9,181.97 |
| Sub-Total of E | | | | 39,788.53 |
| F. Carpentry Work | | | | |
| 1. Materials | | | | |
| (1) D - 1 Hollow Core Tangule | | | | |
| Flush Type Door w/ Louver (.80 x 2.20) | 2.00 | sets | 1,638.80 | 3,277.60 |
| (2) D - 2 Hollow Core Tanguile | | | | |
| Flush Type Door (.80 x 2.20) | 1.00 | sets | 1,025.06 | 1,025.06 |
| (3) D - 3 Louver Door (.60 x 1.40) | 5.00 | sets | 35.72 | 178.60 |
| (4) Door Jambs (Apitong) | | | | |
| $2" \times 6" \times 14" = 5 \text{ pcs.}$ | 14.00 | bd.ft. | 35.72 | 500.08 |
| $2" \ge 6" \ge 10" = 1 \text{ pc.}$ | 20.00 | bd.ft. | 35.72 | 714.41 |
| $2'' \ge 6'' \ge 10'' = 1$ pc. | 18.00 | bd.ft. | 342.05 | 6,156.87 |
| $2'' \ge 6'' \ge 12'' = 1$ pc. | 40.00 | bd.ft. | 35.72 | 1,428.81 |
| (5) Wooden Jalousie Window | | | | • |
| with 5 Blades (.40x.50) | 14.00 | sets | 35.72 | 500.08 |
| (6) Window Jambs (Apitong) | | | | |
| $2" \times 6" \times 16" = 5 \text{ pcs.}$ | 80.00 | bd.ft. | 35.72 | 2,857.62 |
| $2" \times 6" \times 14" = 1 \text{ pc.}$ | 14.00 | bd.ft. | 35.72 | 500.08 |
| $2" \times 6" \times 10" = 1 \text{ pc.}$ | 10.00 | bd.ft. | 35.72 | 357.20 |
| (7) Cabinet | | | | |
| 3/4" x 4' x 8' = 1 pc. (plyboard) | 1.00 | pc. | 888.68 | 888.68 |
| Sub-Total of F-1 | 2.00 | £ | 200100 | 18,385.11 |
| 2. Labor (30% of F-1) | | L.S. | | 5,515.53 |
| Sub-Total of F | | D .D. | | 23,900.64 |
| G. Tile Work | | | | 20,00001 |
| 1. Materials | | | | |
| (1) $4 - 1/4" \ge 4 - 1/4"$ Glazed Tiles | 1,950.00 | pcs. | 4.33 | 8,442.97 |
| (1) $4 - 1/4 \times 4 - 1/4$ Glazed Thes (2) $0.10 \times 0.20 \text{m Floor Tiles}$ | 900.00 | pcs. | 7.58 | 6,819.32 |
| $\begin{array}{ccc} (2) & 0.10 \times 0.20 \text{ M From Thes} \\ (3) & \text{Cement} \end{array}$ | 4.00 | bags | 138.55 | 554.21 |
| (4) White Cement | 1.00 | bags | 750.13 | 750.13 |
| (4) white Cement Sub-Total of G-1 | 1.00 | Uag | , 50.15 | 16,566.62 |
| | | | | 4,969.99 |
| 2. Labor (30% of G-1) Sub-Total of G | | | | 4,909.99 21,536.61 |
| | | | | A1,000001 |

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| Description | Quantity | Unit | Unit Cost | Cost |
|--------------------------------------|----------|-------|-----------|----------|
| H. Plumbing Works | Quantity | Ome | | |
| 1. Materials | | | | |
| (1) Toilet Bowl - Squat Type | 3.00 | sets | 711.16 | 2,133.4 |
| (2) Toilet Bowl - Sit Type | 2.00 | sets | 711.16 | 1,422.3 |
| (3) Lavatory | 2.00 | sets | 3,247.30 | 6,494. |
| (4) 4" dia x 3m PVC San. Pipe | 4.00 | pcs. | 177.52 | 710.0 |
| (5) 3" dia x 3m PVC San. Pipe | 7.00 | pcs. | 99.58 | 697.0 |
| (6) 1 1/2" dia. x 3 m PVC San. Pipe | 4.00 | pcs. | 62.78 | 251. |
| (7) 2" dia. x 3 m PVC San. Pipe | 2.00 | pcs. | 59.53 | 119.0 |
| (8) 6" x 4" Floor Drain | 5.00 | pcs. | 99.58 | 497.9 |
| (9) 2" dia. Elbow PVC | 4.00 | pcs. | 7.58 | 30.3 |
| (10) 4" dia. WYB PVC | 2.00 | pcs. | 29.23 | 58.4 |
| (11) 4" dia. x 3" dia. WYB PVC | 12.00 | pcs. | 35.72 | 428.0 |
| (12) 4" dia. x 2" dia. TEE PVC | 2.00 | pcs. | 36.80 | 73.0 |
| (13) 4" dia. TEE PVC | 3.00 | pcs. | 36.80 | 110.4 |
| (14) 1 1/2" dia. WYB PVC | 1.00 | pcs. | 14.07 | 14.0 |
| (15) 4" dia. Clean Out PVC | 3.00 | pcs. | 41.13 | . 123.4 |
| (16) 3" dia. Clean Out PVC | 1.00 | pcs. | 32.47 | 32.4 |
| (17) Faucet | 3.00 | pcs. | 59.53 | 178. |
| (18) 3" dia. x 2"dia. WYB PVC | 2.00 | pcs. | 29.23 | 58.4 |
| (19) 1 1/2" dia. Elbow PVC | 6.00 | pcs. | 15.15 | 90.9 |
| (20) PVC Cement | 1.00 | can | 143.96 | 143.9 |
| (21) 2" dia. PVC San. Pipe x 3m | 2.00 | pcs. | 94.17 | 188.3 |
| (22) 4" dia. x 2" dia. TEE | 2.00 | pcs. | 24.90 | 49.7 |
| (23) Check Valve 1 1/2" | 1.00 | pcs. | 216.49 | 216.4 |
| (24) 4" P-Trap | 5.00 | pcs. | 77.94 | 389.0 |
| Sub-Total of H-1 | | - | | 14,513.2 |
| 2. Labor (30% of H-1) | | L.S. | | 4,353.9 |
| Sub-Total of H | | | | 18,867.2 |
| I. Painting | | | | |
| 1. Materials | | | | |
| (1) Acrylic, Semi-gloss | 8.00 | gals. | 298.75 | 2,390.0 |
| (2) Concrete Sealer | 4.00 | gals. | 235.97 | 943. |
| (3) Acri Color: Wood | 4.00 | gals. | 90.92 | 363.1 |
| (4) Enamel,QDE | 6.00 | gals. | 305.25 | 1,831.4 |
| (5) Wood Putty | 1.00 | gals. | 346.38 | 346. |
| (6) Paint Thinner | 1.00 | gals. | 68.19 | 68. |
| (7) Tinting Color | 4.00 | gals. | 45.46 | 181. |
| (8) Sand Paper (assorted) | 15.00 | gals. | 7.58 | 113. |
| (9) Miscellaneous | | L.S. | | 1,147. |
| (10) Roof Paint (green, ready-mix) | 2.00 | gals. | 322.56 | 645. |
| Sub-Total of I-1 | | | | 8,031. |
| 2. Labor (30% of I-1) | | LS | | 2,409.4 |
| Sub-Total of I | | | | 10,441. |
| J. Electrical Work | | | | |
| 1. Materials | | | | |
| (1) 40 Watts Flourescent Lamp | 2.00 | sets | 292.26 | 584. |
| (2) Elect. Wire TW#12 | 24.00 | М | 7.58 | 181. |
| (3) Elect. Conduit - 1/2" dia. x 10" | 4.00 | pcs. | 88.76 | 355.0 |

Sheet 4 of 5

| Sheet 4 of 5 | | | | (Cost: Peso) |
|---|----------|--------|-----------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| (4) Entrance Cap. 1/2" dia. | 1.00 | pc. | 32.47 | 32.47 |
| (5) Switch Outlet, Flush Type | 2.00 | pcs. | 44.38 | 88.76 |
| (6) Utility Box 2"x3" | 2.00 | pcs. | 7.58 | 15.15 |
| (7) Porcelain Receptacle 2"dia. | 2.00 | pcs. | 7.58 | 15.15 |
| (8) Safety Switch 60A, 250V | 1.00 | sets | 561.78 | 561.78 |
| (9) Electrical Tape | 1.00 | roll | 24.90 | 24.90 |
| Sub-Total of J-1 | | | | 1,859.62 |
| 2. Labor (30% of J-1) | | L.S. | | 557.89 |
| Sub-Total of J | | | | 2,417.50 |
| K. Hardware | | | | |
| 1. Materials | | | | |
| (1) 3"x3" Butt Hinges (Loose Pin) | 10.00 | pcs. | 16.24 | 162.36 |
| (2) 4"x4" Butt Hinges (Loose Pin) | 12.00 | pcs. | 20.57 | 246.79 |
| (3) Door Lockset (Schlage US) | 3.00 | pcs. | 520.65 | 1,561.95 |
| (4) Barrel Bolt (4") | 5.00 | pcs. | 45.46 | 227.31 |
| (5) Cabinet Pull (4") | 5.00 | pcs. | 7.58 | 37.89 |
| (6) Water Storage Cover | | | | |
| Checkered Plate 1/4" thick | | | | |
| 1.44x0.645 w/ L bar & flat bar | 1.00 | set | 1,128.98 | 1,128.98 |
| 0.645x0.633 w/ L bar & flatbar | 2.00 | set | 636.47 | 1,272.94 |
| (7) Padlock | 1.00 | pcs. | 434.06 | 434.06 |
| Sub-Total of K-1 | | | | 5,072.28 |
| 2. Labor (30%of K-1) | | L.S. | | 1,521.68 |
| Sub-Total of K | | | | 6,593.96 |
| L. Septic Tank and Sewage Basin | | | | |
| 1. Materials | | | | |
| (1) 4" CHB | 180.00 | pcs. | 5.41 | 974.19 |
| (2) Cement | 18.00 | bags | 138.55 | 2,493.92 |
| (3) Sand | 1.50 | cu.m. | 362.61 | 543.92 |
| (4) Gravel | 1.00 | cu.m. | 458.95 | 458.95 |
| (5) Rebars:10mm dia.x 6m | 29.00 | pcs. | 80.10 | 2,322.90 |
| (6) #16 Tire Wire | 2.00 | kgs. | 58.45 | 116.90 |
| (7) Formworks: Coco Lumber | | | | |
| 2"x3"x10' = 12 pcs. | 60.00 | bd.ft. | 8.66 | 519.57 |
| 1/4" plywood ord. 4'x8' | 2.00 | pcs. | 482.76 | 965.53 |
| C.W.N. (assorted) | 2.00 | kgs. | 33.56 | 67.11 |
| Sub-Total of L-1 | | | | 8,463.00 |
| 2. Labor (30% of L-1) | | L.S. | | 2,538.90 |
| Sub-Total of L | | | | 11,001.89 |
| M. Shallow Well (18 depth) | | | | |
| a. Drilling of Well & Installation of Steel Casing/Screen | | | | |
| 1. Materials | | | | |
| (1) 63mm x 6m PVC Pipe with socket | 2.00 | pcs. | 969.86 | 1,939.72 |
| (2) 63mm x 3m PVC Pipe with plug | 1.00 | pc. | 489.26 | 489.26 |
| (3) 63mm PVC Socket | 1.00 | pc. | 107.16 | 107.16 |
| (4) 63mm x 3m PVC Screen | 1.00 | pc. | 1,551.13 | 1,551.13 |
| Sub-Total of M-a-1 | | | | 4,087.26 |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| Sheet 5 of 5 | | | | (Cost: Peso) |
|---|----------|----------|-----------|---------------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| 2. Labor, Fuel, Lubricant & others | 18.00 | m | 620.23 | 11,164.21 |
| Well Drilling for 18m depth at 150mm borehole | | | | |
| Sub-Total of M-a-2 | | | | 11,164.2 |
| Sub-Total of M-a | | | | 15,251.47 |
| b. Well Development | | L.S. | | 595.34 |
| c. Gravel Packing, Installation of Handpump & | | | | |
| Construction of Platform | | | | |
| 1. Materials | | | | |
| (1) 50mm Jetmatic Handpump | 1.00 | set | 2,839.22 | 2,839.23 |
| (2) 50mm x 1m GI Pipe (Sch.40) | 1.00 | pc. | 88.76 | 88.70 |
| (3) #10 Sieved Gravel | 0.10 | cu.m. | 1,038.05 | 103.81 |
| (4) Coarse Sand | 0.07 | cu.m. | 513.07 | 35.92 |
| (5) Cement for Sanitary Seal | 1.00 | bag | 138.55 | 138.5 |
| (6) Pump Base and Platform | | . 3 | | 100101 |
| 1) Cement | 4.00 | bags | 138.55 | 554.21 |
| 2) Gravel | 1.00 | cu.m. | 458.95 | 458.9 |
| 3) Sand | 1.00 | cu.m. | 362.61 | 362.61 |
| 4) Plywood (1,200mm x 2,400mm x 6mm) | 1.00 | pc. | 482.76 | ² 482.70 |
| 5) Form Lumber (50mm x 75mm x 1,800mm) | 1.00 | pc. | 53.04 | 53.04 |
| 6) Nail | 1.00 | kg. | 33.56 | 33.56 |
| Sub-Total of M-c-1 | | <u> </u> | | 5,151.38 |
| 2. Labor (40% of M-c-1) | | L.S. | | 2,060.55 |
| Sub-Total of M-c-1 | | | | 7,211.93 |
| N. Freight Cost (11% of Materials for A-M excluding | | L.S. | | 17,442.13 |
| sand & gravel) | | 12101 | | |
| O. Indirect Cost | | | | |
| Profit (10% of A-N) | | | | 24,615.86 |
| VAT (10% of Profit & Labor) | | | • | 6,340.61 |
| Sub-Total of O | | | | 30,956.46 |
| · · · · · · · · · · · · · · · · · · · | | • | | 50,550.10 |
| Total Construction Cost (A - O) | | | | 269,075.50 |
| P. Estimated Government Expenses | | | | |
| 1. Preliminary & Detailed Engineering Cost | | L.S. | | |
| 2. Construction Supervision | | L.S. | | |
| Sub-Total of P | | | | 0.00 |
| GRAND TOTAL | | | | 269,075.50 |
| | | | say | 269,000.00 |

Note: L.S. - Lump Sum

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Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

| | Description | Quantity | Unit | Unit Cost | Cost |
|-----------|---|----------|--------|-----------|-----------|
| А. | Mobilization and Demobilization | | L.S. | | 7,36 |
| В. | Earthwork | | | | |
| | Materials | | | | |
| | (1) Gravel Fill | 3.00 | cu.m. | 458.95 | 1,376.8 |
| | Sub-Total of B-1 | 5.00 | Juint | 150.55 | 1,376.8: |
| 2 | Labor | | | | 1,570.0. |
| ۵. | (1) Excavation | 15.88 | cu.m. | 141.80 | 2,251.7 |
| | (2) Backfill | 4.97 | cu.m. | 128.81 | 640.1 |
| | (3) Gravel Fill | 3.00 | cu.m. | 167.78 | 503.3 |
| | Sub-Total of B-2 | 2.00 | | 10/110 | 3,395.2 |
| | Sub-Total of B | | | | 4,772.1 |
| <u>C.</u> | Concrete Work | | | 1 | |
| | Materials | | | | |
| | (1) Cement | 61.00 | bags | 138.55 | 8,451.63 |
| | (2) Sand | 4.00 | cu.m. | 362.61 | 1,450.4 |
| | (3) Gravel | 8.00 | cu.m | 458.95 | 3,671.6 |
| | (4) Rebars: 12mm dia. x 6m | 38.00 | pcs. | 80.10 | 3,043.80 |
| | 10mm dia. x 6m | 57.00 | pcs. | 58.45 | 3,331.73 |
| | (5) #16 Tie Wire | 8.00 | kgs. | 58.45 | 467.61 |
| | (6) Formworks: | | 81 | | |
| | 1/4" Plywood | 6.00 | pcs. | 482.76 | 2,896.59 |
| | 2"x2"x10" Coco Lumber | 200.00 | bd.ft. | 8.66 | 1,731.89 |
| | . Sub-Total of C-1 | | | | 25,045.32 |
| 2. | Labor (30% of C-1) | | L.S. | | 7,513.59 |
| | Sub-Total of C | | | | 32,558.91 |
| D. | Masonry Work | | | | |
| 1. | Materials | - | | | |
| | (1) 6"CHB | 800.00 | pcs. | 6.49 | 5,195.67 |
| | (2) 4"CHB | 260.00 | pcs. | 5.41 | 1,407.10 |
| | (3) Cement | 97.00 | bags | 138.55 | 13,439.48 |
| | (4) Sand | 10.00 | cu.m. | 362.61 | 3,626.15 |
| | (5) Rebars: 12mm dia. x 6m | 30.00 | pcs. | 80.10 | 2,403.00 |
| | 10mm dia. x 6m | 11.00 | pcs. | 58.45 | 642.90 |
| | (6) #16 Tie Wire | 4.00 | kgs. | 58.45 | 233.83 |
| | (7) Scaffolding | | - | | |
| | 2"x4"x8" = 10 pcs. Coco Lumber | 53.33 | bd.ft. | 8.66 | 461.8 |
| | Sub-Total of D-1 | | | | 27,410.04 |
| 2. | Labor (30% of D-1) | | L.S. | | 8,223.0 |
| | Sub-Total of D | | | | 35,633.0 |
| Е. | Roofing Works | | | | |
| 1. | Materials | | | | |
| | (1) GA #26 Corr. GI(1=10') | 20.00 | bd.ft | 313.91 | 6,278.1 |
| | (2) GA #24 Pln. GI Flashing | 3.00 | pcs. | 303.08 | 909.2 |
| | (3) GA #24 Pln. GI Gutter (Pre-Fab) | 9.00 | kg. | 303.08 | 2,727.7 |
| | (4) Umbrella Nails 2 - 1/2" | 12.00 | bags | 49.79 | 597.5 |
| | (5) Rafter - $2"x5"x18' = 5$ pcs. | 75.00 | bd.ft. | 35.72 | 2,679.0 |
| | (6) Purlins $- 2''x2''x12' = 18$ pcs. | 72.00 | bd.ft. | 35.72 | 2,571.8 |
| | (7) WD Cleats $-2"x2"x10' = 6 \text{ pcs.}$ | 20.00 | bd.ft. | 35.72 | 714.4 |

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| Description | Quantity | Unit | Unit Cost | (Cost: Peso) Cost |
|--|----------|--------|-----------|----------------------|
| | 120.00 | bd.ft. | 35.72 | 4,286.4 |
| (8) Nailers - $2''x2''x12' = 30$ pcs. | 120.00 | bd.ft. | 35.72 | 4,286.4 |
| $-2^{"}x2^{"}x10' = 36 \text{ pcs.}$ | 120.00 | ba.n. | 55.72 | 4,280.4 |
| (9) Fascia Board | 48.00 | 1.1.0 | 25.72 | 1 714 5 |
| 1"x12"x12'=4 pcs. | 48.00 | bd.ft. | 35.72 | 1,714.5 |
| 1"x12"x18'=2 pcs. | 36.00 | bd.ft. | 35.72 | 1,285.9 |
| (10) Wood Plate | | | 0.00 | |
| 2"x4*x20'=2 pcs. | 26.66 | bd.ft. | 35.72 | 952.3 |
| (11) 1/4"Thk. Mar. Plywood 4"x 8" | 14.00 | pcs. | 518.49 | 7,258.7 |
| (12) C.W.N. Assorted | 15.00 | kgs. | 32.47 | 487.0 |
| . (13) 3" dia. x 3 m Downspout (PVC) | 3.00 | pcs. | 92.01 | 276.0 |
| (14) 3" dia_ Elbow (PVC) | 2.00 | pcs. | 16.24 | 32.4 |
| (15) 3" dia. Coupling (PVC) | 1.00 | pcs. | 15.15 | 15.1 |
| (16) Ceiling Vent | | | | |
| 1"x1"x8' = 4 pcs. | 2.67 | bd.ft. | 29.23 | 78.0 |
| (17) Screen (1/8"x1/8") | 1.00 | yd. | 92.01 | 92.0 |
| Sub-Total of E-1 | | | | 37,243.1 |
| 2. Labor (30% of E-1) | | L.S. | | 11,172.9 |
| Sub-Total of E | | | | 48,416.0 |
| F. Carpentry Work | | | | |
| 1. Materials | | | | |
| (1) D - 1 Hollow Core Tangule | | | | |
| Flush Type Door w/ Louver (.80 x 2.20) | 2.00 | sets | 1,638.80 | 3,277.6 |
| (2) D - 2 Hollow Core Tanguile | | | ŕ | , |
| Flush Type Door (.60 x 2.10) | 1.00 | sets | 1,229.64 | 1,229.6 |
| (3) D - 3 Louver Door (.60 x 1.40) | 5.00 | sets | 1,025.06 | 5,125.3 |
| (4) Door Jambs (Apitong) | | | | - , |
| $2" \times 6" \times 14" = 1 \text{ pc.}$ | 14.00 | bd.ft. | 35.72 | 500.0 |
| $2" \times 6" \times 10" = 2 \text{ pcs.}$ | 20.00 | bd.ft. | 35.72 | 714.4 |
| $2" \times 6" \times 10" = 1 \text{ pc.}$ | 18.00 | bd.ft. | 35.72 | 642.9 |
| $2" \times 4" \times 12" = 5 \text{ pcs.}$ | 40.00 | bd.ft. | 35.72 | 1,428.8 |
| (5) Wooden Jalousie Window | +0.00 | 04.16 | 33.14 | 1,720.0 |
| with 5 Blades (.40x.50) | 14.00 | sets | 322.56 | 4,515.9 |
| | 14.00 | 3013 | 522.30 | 4,010.3 |
| (6) Window Jambs (Apitong) $2" \times 6" \times 16" = 5 \mod 10^{-10}$ | 80.00 | bd.ft. | 25.70 | 2057 |
| $2^{"} \times 6^{-} \times 16^{"} = 5 \text{ pcs.}$ | | | 35.72 | 2,857.0 |
| $2^{"} \times 6^{"} \times 14^{"} = 1 \text{ pc.}$ | 14.00 | bd.ft. | 35.72 | 500.0 |
| $2" \times 6" \times 10" = 1 \text{ pc.}$ | 10.00 | bd.ft. | 35.72 | 357.2 |
| (7) Cabinet $2/4^{\prime\prime}$ (1) $2^{\prime\prime}$ (1) $2^{\prime\prime}$ | 1.00 | | 0.00 | `* 000 / |
| $3/4'' \ge 4' \ge 8' = 1$ pc. (plyboard) | 1.00 | pc. | 888.68 | 000.0 |
| Sub-Total of F-1 | | * ~ | | 22,038.3 |
| 2. Labor (30% of F-1) | | L.S. | | 6,611. |
| Sub-Total of F | | | | 28,649.8 |
| G. Tile Work | | | | |
| 1. Materials | | | | |
| (1) 4 - 1/4" x 4 - 1/4" Glazed Tiles | 1,950.00 | pcs. | 4.00 | 7,800.0 |
| (2) 0.10 x 0.20m Floor Tiles | 900.00 | pcs. | 7.00 | 6,300.0 |
| (3) Cement | 4.00 | bags | 128.00 | 512.0 |
| (4) White Cement | 1.00 | bag | 693.00 | 693.0 |
| (5) Tiles Fittings | | L.S. | | 5,280.0 |
| Sub-Total of G-1 | | | | 20,585.0 |

| Sheet 3 of 5 | | | | (Cost: Peso) |
|---|----------|--------------------|-----------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| 2. Labor (30% of G-1) | | | | 6,175.50 |
| Sub-Total of G | | | | 26,760.50 |
| H. Plumbing Works | | | | |
| 1. Materials | | | | |
| (1) Urinal | 3.00 | sets | 1,267.53 | 3,802.58 |
| (2) Toilet Bowl - Squat Type | 6.00 | sets | 711.16 | 4,266.95 |
| (3) 4" dia x 3m PVC San. Pipe | 6.00 | pcs. | 177.52 | 1,065.11 |
| (4) 3" dia x 3m PVC San. Pipe | 4.00 | pcs. | 99.58 | 398.34 |
| (5) 2" dia x 3m PVC San. Pipe | 3.00 | pcs. | 59.53 | 178.60 |
| (6) 3/4" dia. x 6 m GI Pipe Sch.40 | 5.00 | pcs. | 291.17 | 1,455.87 |
| (7) 1/2" dia x 6m GI Pipe Sch.40 | 1.00 | pcs. | 213.24 | 213.24 |
| (8) 4" x 4" WYE PVC | 1.00 | pcs. | 29.23 | 29.23 |
| (9) 3" dia. Elbow PVC | 10.00 | pcs. | 35.72 | 357.20 |
| (10) 3" dia. 45 deg. Bend PVC | 2.00 | pcs. | 29.23 | 58.45 |
| (11) 2" dia. Elbow PVC | 6.00 | pcs. | 7.58 | 45.46 |
| (12) 2" dia.45 deg. Bend PVC | 2.00 | pcs. | 23.81 | 47.63 |
| (13) 1/2" dia. Elbow GI | 5.00 | pcs. | 11.91 | 59.53 |
| (14) 4" dia. 3 dia. WYE PVC | 8.00 | pcs. | 47.63 | 381.02 |
| (15) 3/4" dia. TEE GI | 7.00 | pcs. | 47.63 | 333.39 |
| (16) 1/2" dia. TEE GI | 5.00 | pcs. | 23.81 | 119.07 |
| (17) 4" dia. X 2" dia. TEE PVC | 6.00 | pcs. | 47.63 | 285.76 |
| (18) 4" dia. Clean Out PVC | 3.00 | pcs. | 41.13 | 123.40 |
| (19) 2" dia. Clean Out PVC | 1.00 | pcs. | 29.23 | 29.23 |
| (20) Faucet | 10.00 | pcs. | 59.53 | 595.34 |
| (21) 3" dia. x 2" dia. Elbow Reducer PVC | 1.00 | pcs. | 32.47 | 32.47 |
| (22) 3" dia. x 2" dia. WYE PVC | 3.00 | pcs. | 29.23 | 87.68 |
| (23) 2" dia. x 2" dia. WYE PVC | 3.00 | pcs. | 17.32 | 51.96 |
| (24) PVC Cement | 1.00 | can | 143.96 | 143.96 |
| (25) 4" dia. x 2" dia. WYE PVC | 2.00 | pcs. | 47.63 | 95.25 |
| (26) Gate Valve 3/4" dia. | 1.00 | pcs. | 143.96 | 143.96 |
| (27) Gate Valve 1/2" dia. | 1.00 | pcs. | 113.66 | 113.66 |
| (28) Water Meter 3/4" dia. | 1.00 | pcs. | 1,504.58 | 1,504.58 |
| (29) 3/4" dia. x 1/2" dia Elbow Reducer GI | 1.00 | pcs. | 16.24 | 16.24 |
| Sub-Total of H-1 | | x - | | 16,035.15 |
| 2. Labor (30% of H-1) | | L.S. | | 4,810.55 |
| Sub-Total of H | | | | 20,845.70 |
| I. Painting | | | | |
| 1. Materials | | | | |
| (1) Acrylic,Semi-gloss | 8.00 | gals. | 298.75 | 2,390.01 |
| (2) Concrete Sealer | 4.00 | gals. | 235.97 | 943.88 |
| (3) Acri Color: Wood | 4.00 | gals. | 90.92 | 363.70 |
| (4) Enamel,QDE | 6.00 | gals. | 305.25 | 1,831.48 |
| (5) Wood Putty | 1.00 | gals. | 346.38 | 346.38 |
| (6) Paint Thinner | 1.00 | gals. | 68.19 | 68.19 |
| (7) Tinting Color | 4.00 | gals. | 45.46 | 181.85 |
| (8) Sand Paper (assorted) | 15.00 | gals. | 7.58 | 113.66 |
| (9) Miscellaneous | 10.00 | L.S. | 0.00 | 1,153.87 |
| (10) Roof Paint (green, ready-mix) | 2.00 | gals. | 322.56 | 645.13 |
| (10) Roof Paint (green, feady-linx) Sub-Total of I-1 | 2.00 | 5 ⁴¹³ . | 522.50 | 8,038.14 |
| | | L | 1 | -, |

| Sheet | 4 | of | 5 |
|-------|---|----|---|
|-------|---|----|---|

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| Sheet 4 of 5 | | | | (Cost: Peso) |
|--------------------------------------|--------------|--------|---------------------------------------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| 2. Labor (30% of I-1) | | L.S. | | 2,411.44 |
| Sub-Total of I | | | | 10,449.58 |
| J. Electrical Work | | | | |
| 1. Materials | | | | |
| (1) 40 Watts Flourescent Lamp | 2.00 | sets | 292.26 | 584.51 |
| (2) Elect. Wire TW#12 | 24.00 | M . | 7.58 | 181.85 |
| (3) Elect. Conduit - 1/2" dia. x 10" | 4.00 | pcs. | 88.76 | 355.04 |
| (4) Entrance Cap. 1/2" dia. | 1.00 | pc. | 32.47 | 32.47 |
| (5) Switch Outlet, Flush Type | 2.00 | pcs. | 44.38 | 88.76 |
| (6) Utility Box 2"x3" | 2.00 | pcs. | 7.58 | 15.15 |
| (7) Porcelain Receptacle 2"dia. | 2.00 | pcs. | 7.58 | 15.15 |
| (8) Safety Switch 60A, 250V | 1.00 | sets | 561.78 | 561.78 |
| (9) Electrical Tape | 1.00 | roll | 24.90 | 24.90 |
| Sub-Total of J-1 | | | | 1,859.62 |
| 2. Labor (30% of J-1) | | L.S. | | 557.89 |
| Sub-Total of J | | | | 2,417.50 |
| K. Hardware | | | | |
| 1. Materials | | | | - |
| (1) 3"x3" Butt Hinges (Loose Pin) | 10.00 | pcs. | 16.24 | 162.36 |
| (2) 4"x4" Butt Hinges (Loose Pin) | 12.00 | pcs. | 20.57 | 246.79 |
| (3) Door Lockset (Schlage US) | 3.00 | pcs. | 520.65 | 1,561.95 |
| (4) Barrel Bolt (4") | 5.00 | pcs. | 45.46 | 227.31 |
| (5) Cabinet Pull (4") | 5.00 | pcs. | 7.58 | 37.89 |
| (6) Water Storage Cover | | | | |
| Checkered Plate 1/4" thick | | | | |
| 1.44x0.645 w/ L bar & flat bar | 1.00 | set | 1,128.98 | 1,128.98 |
| 0.645x0.633 w/ L bar & flatbar | 2.00 | set | 636.47 | 1,272.94 |
| (7) Padlock | 1.00 | pcs. | 434.06 | 434.06 |
| Sub-Total of K-1 | | | | 5,072.28 |
| 2. Labor (30% of K-1) | | L.S. | | 1,521.68 |
| Sub-Total of K | | | | 6,593.96 |
| L. Septic Tank and Sewage Basin | | | | |
| 1. Materials | | | | |
| (1) 4" CHB | 180.00 | pcs. | 5.41 | 974.19 |
| (2) Cement | 18.00 | bags | 138.55 | 2,493.92 |
| (3) Sand | 1.50 | cu.m. | 362.61 | 543.92 |
| (4) Gravel | 1.00 | cu.m. | 458.95 | 458.95 |
| (5) Rebars:10mm dia.x 6m | 29.00 | pcs. | 80.10 | 2,322.90 |
| (6) #16 Tire Wire | 2.00 | kgs. | 58.45 | 116.90 |
| (7) Formworks: Coco Lumber | 10 00 | | | |
| 2''x3''x10' = 12 pcs. | 60.00 | bd.ft. | 8.66 | 519.57 |
| 1/4" plywood ord. 4'x8' | 2.00 | pcs. | 482.76 | 965.53 |
| C.W.N. (assorted) | 2.00 | kgs. | 33.56 | 67.11 |
| Sub-Total of L-1 | | | | 8,463.00 |
| 2. Labor (30% of L-1) | | L.S. | | 2,538.90 |
| Sub-Total of L | | | · · · · · · · · · · · · · · · · · · · | 11,001.89 |
| M. Concrete Water Tank (Elevated) | | | | |
| 1. Earth Work | | | | |
| (1) Materials | 1.00 | _ | 100.00 | |
| i) Gravel Fill | 1.00 | cu.m. | 458.95 | 458.95 |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

| Appendix Table 9.1.13 | Unit Cost of Public Toilet |
|-----------------------|----------------------------|
|-----------------------|----------------------------|

Sheet 5 of 5

| Sheet 5 of 5 | | | | (Cost: Peso) |
|--|----------|-------|-----------|--------------|
| Description | Quantity | Unit | Unit Cost | Cost |
| Sub-Total of M-1 (1) | | | | 458.95 |
| (2) Labor | | | | |
| 1) Excavation | 14.70 | cu.m. | 141.80 | 2,084.44 |
| 2) Backfill | 13.08 | cu.m. | 128.81 | 1,684.83 |
| 3) Gravel Fill | 1.00 | cu.m. | 167.78 | 167.78 |
| Sub-Total of M-1 (2) | | | | 3,937.04 |
| Sub-Total of M-1 | | | | 4,396.00 |
| 2. Materials | | | | |
| (1) Cement | 62.00 | | 138.55 | 8,590.18 |
| (2) Sand | 4.50 | | 362.61 | 1,631.77 |
| (3) Gravel | 8.00 | | 458.95 | 3,671.61 |
| (4) Rebars: 12mm dia. x 6m | 160.00 | | 58.45 | 9,352.21 |
| (5) #16 Tie Wire | 4.00 | | 58.45 | 233.81 |
| (6) Formworks: | | | | |
| 1/4" plywood | 12.00 | | 482.76 | 5,793.18 |
| $2^{*}x3^{*}x16' = 60 \text{ pcs.}$ | 480.00 | | 8.66 | 4,156.54 |
| (7) CWN (assorted) | 5.00 | 1 | 33.56 | 167.78 |
| Sub-Total of M-2 | | | | 33,597.07 |
| 3. Labor (30% of M-2) | | | | 10,079.12 |
| Sub-Total of M | | | | 48,072.19 |
| N. Freight Cost (11% of Materials for A-M | | L.S. | | 20,734.64 |
| . excluding sand & gravel) | | | | |
| O. Indirect Cost | | | | |
| Profit (10% of A-M) | | | | 28,353.18 |
| VAT (10% of Profit & Labor) | | | | 9,730.16 |
| Sub-Total of O | | | | 38,083.34 |
| Total Construction Cost | | | | |
| (A to O) | | | | 342,349.79 |
| P. Estimated Government Expenses | | | | |
| 1. Preliminary & Detailed Engineering Cost | | L.S. | | |
| 2. Construction Supervision | | L.S. | | |
| Sub-Total of P | | | | 0.00 |
| GRAND TOTAL | | | | 342,349.79 |
| | | | say | 342,000.00 |

Note: L.S. - Lump Sum

Source: DILG - PW4SP Standard Cost Estimate in 1999 Price Level.

Cost Adjusted to 2003 Price Level.

| - Quantities |
|--------------|
| Table 9.3.1 |
| Appendix |

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| | | | | | | Phas | e I (2005-2 | Phase I (2005-2010) Requirement | ement | | | | | |
|----------------------|---------------------|--------------------|-------------------|------------|------------|--------|-------------|---------------------------------|--------------------|-------------------|------------|---------|------------|-----------|
| | | | | Urban Arca | | | | | | | Rural Area | | | |
| Municinality | - | Water Supply | Y | | Sanitation | ation | | | Water Supply | y | | Sanit | Sanitation | |
| | Level III Served | Level II Served | Level I No. of | HH Flush | HH Pour | Public | Public | Level III Served | Level II Served | Level I No. of | НН Flinch | HH Pour | Public | Public |
| | Pop | Pop | wells | | r'lush | School | Utilities | Pop | Pop | wells | | Flush | School | Utilities |
| l Ampatuan | 0 | 3,315 | 0 | 0 | 961 | - | - | 0 | 3,762 | 244 | 0 | 949 | ~ | C |
| | 0 | 2,852 | 0 | 0 | 80 | - | - | 0 | 732 | 138 | 0 | 203 | 21 | |
| | 0 | 2,809 | 0 | 0 | 48 | 1 | 1 | 0 | 2,653 | 247 | 0 | 485 | 5 |) 0 |
| | 6,678 | 0 | 0 | 56 | 0 | -1 | 1 | 6,116 | 0 | 181 | 0 | 164 | 13 | 0 |
| | 0 | 1/6/1 | 57 | 303 | 801 | | - | 0 | 7,070 | 603 | 637 | 1,519 | 10 | 0 |
| 1 | 0 | 1,426 | 0 | 0 | 44 | 1 | | 0 | 640 | 219 | 0 | 337 | 3 | 0 |
| | 5,640 | 0 | 0 | 92 | 0 | 1 | 1 | 0 | 0 | 264 | 0 | 255 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,516 | 249 | 0 | 324 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,387 | 95 | 0 | 452 | 0 | |
| | 0 | 2,040 | 27 | 0 | 184 | | - | 0 | 4,319 | 170 | 0 | 708 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 288 | 0 | 359 | 5 | |
| | 0 | 2,240 | و | 0 | 91 | 4 | | 0 | 0 | 259 | 0 | 402 | L | 0 |
| 1 | 0 | 0 | ∞. | 0 | 7 | | 1 | 0 | 2,383 | 139 | 0 | 161 | 5 | 0 |
| | 0 | 0 | 0 | 0 | 40 | | 1 | 0 | 3,994 | 74 | 0 | 256 | 12 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,193 | 0 | 297 | 108 | 686 | 4 | |
| | 3,441 | 0 | 13 | 399 | 11 | - | - | 0 | 0 | 310 | 0 | 1,545 | 3 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 | 88 | 1 | |
| | 4,493 | 1,529 | 181 | 437 | 252 | 5 | | 0 | 0 | 277 | 135 | 476 | 2 | 0 |
| 19 Sharifi Aguak | 4,800 | 0 | 0 | 304 | 0 | 0 | 1 | 3,499 | 1,941 | 175 | 344 | 646 | | 0 |
| - | 4,201 | | 35 | 246 | 93 | 0 | | 0 | 0 | 251 | 0 | 659 | - | 0 |
| 1 | 0 | 0 | 5 | 227 | 0 | 0 | | 1,766 | 811 | 512 | 854 | 1,270 | 2 | 0 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 1,693 | 157 | 0 | 471 | 2 | |
| | 0 | 2,419 | ~ | 0 | 281 | m | - | 0 | 0 | 319 | 0 | 1,575 | 5 | 0 |
| F | 0 | 1,673 | 14 | 0 | 93 | | - | 0 | 793 | 251 | 0 | 453 | 3 | 0 |
| 25 Talitay | 0 | 0 | 0 | 0 | 0 | 0, | 0 | : | 0 | 316 | 0 | 682 | 15 | · |
| | 3,030 | 0. 220 | 0 | 0 | 99 | | | 0 | 0 | 471 | 0 | 622 | 7 | 0 |
| L I UVILICIAL I UTAL | 34,349 | 1 6/7'77 | 354 | Z,U63 | 1,659 | 22 | 19 | 16,574 | 33,695 | 6,574 | 2,078 | 15,746 | 136 | 7 |

Appendix Table 9.3.1 - Quantities (Cont.)

| Municipality | | | | | | LIBBO | Phase II (2010-2015) Requirement | annpaxt (ch | ment | | | | | |
|------------------------|----------------------------|---------------------------|----------------------------|------------|------------------|------------------|----------------------------------|----------------------------|---------------------------|----------------------------|------------|------------------|------------------|--|
| <u>I</u> | | | | Urban Area | | | | | | | Rural Area | | | |
| <u> </u> | M | Water Supply | | | Sanitation | tion | | M | Water Supply | | | Sanitation | ation | |
| | Level III Served Pop | Level II Served Pop | Level I No. of wells | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III Served Pop | Level II Served Pop | Level I No. of wells | HH Flush | HH Pour Flush | Public School | Public Utilities |
| l Ampatuan | 0 | 995 | 4 | 0 | 157 | - | - | 3,429 | 4,042 | 204 | 125 | 654 | | 0 |
| 2 Barira | 0 | 607 | 0 | 0 | 159 | | 1 | 0 | 218 | 142 | 0 | 428 | 1 | 0 |
| | 0 | 1,194 | 13 | 0 | 213 | 1 | | 3,610 | 0 | 271 | 0 | 876 | 3 | 0; |
| | 1,353 | 0 | 0 | 252 | 0 | 0 | | 1,239 | 0 | 178 | 0 | 727 | 0 | 0 |
| 5 Datu Odin Sinsuat | 0 | 647 | 4 | 278 | 99 | | | 0 | 2,320 | 462 | 594 | 1,425 | 5 | 0 |
| | 0 | 461 | 3 | 0 | 85 | - | - | 0 | 214 | 224 | 0 | 651 | | 0 |
| 7 Datu Piang | 1,405 | 0 | 0 | 52 | 0 | 0 | | 0 | 0 | 266 | 0 | 143 | | 0 |
| 8 Datu Saudi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 394 | 251 | 0 | 203 | - | , |
| 9 Datu Unsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | o | 352 | <i>L</i> 6 | 0 | 527 | 0 | : |
| 10 Gen. S. K. Pendatun | 0 | 599 | 30 | 0 | 272 | 0 | 1 | 0 | 1,267 | 181 | 0 | 1,044 | - | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 329 | 0 | 613 | 2 | |
| 12 Kabuntalan | 0 | 793 | 12 | 0 | 162 | 1 | 1 | 0 | 0 | 276 | 0 | 757 | 2 | 0 |
| 13 Mamasapano | 0 | 0 | 8 | 0 | 18 | 0 | 1 | 0 | 617 | 141 | 0 | 403 | 0 | 0 |
| 1 | 0 | 0 | 33 | 0 | 81 | 0 | 1 | 0 | 1,320 | 127 | 0 | 509 | 2 | 0 |
| 15 Pagagawan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,001 | 0 | 344 | 184 | 1,207 | ъ | - |
| 16 Pagalungan | 1,301 | 0 | 26 | 362 | 64 | 0 | 1 | 0 | 0 | 339 | 0 | 1,409 | 2 | • |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 180 | 0 | - |
| 18 Parang | 1,964 | 460 | 47 | 391 | 74 | F | | 0 | 0 | 252 | 115 | 395 | 2 | 0 |
| 19 Shariff Aguak | 1,216 | 0 | 0 | 355 | 0 | 0 | | 887 | 492 | 177 | 402 | 760 | 1 | |
| 20 South Upi | 1,316 | 0 | 40 | 258 | 98 | 0 | 1 | 0 | 0 | 237 | 0 | 669 | - | 0 |
| 1 | 0 | 0 | 7 | 423 | 0 | 0 | 1 | 753 | 308 | 699 | 1,595 | 2,370 | m | 0 |
| 22 Sultan Mastura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 524 | 168 | 0 | 881 | | |
| 23 Sultan Sa Barongis | 0 | 985 | 0 | 0 | 162 | 0 | - | 0 | 0 | 332 | 0 | 2,151 | _ | 0 |
| í | 0 | 402 | 23 | 0 | 159 | 0 | | 0 | 336 | 288 | 0 | 774 | - | °. |
| 25 Talitay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 359 | 0 | 882 | 3 | |
| 26 Upi | 804 | 0 | 1 | 157 | 0 | | -1 | 0 | 0 | 480 | 0 | 1,404 | m | |
| Provincial Total | 9,360 | 7,449 | 253 | 2,528 | 1,931 | 8 | 19 | 11,919 | 12,405 | 6,863 | 3,016 | 22,074 | 41 | 7 |

Page 2 of 24

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| - Unit Cos | |
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| Table 9.3.2 | |
| Appendix | |

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| | | | | | | Dhaca | 100-2006/1 | Dhace 1 (2005, 2010) Docuitement | | | | | | |
|--------------|--------------------------|--------------------------|----------|------------|------------------|------------------|---------------------|----------------------------------|--------------------------|----------|------------|------------------|------------------|---------------------|
| . <u></u> | | | | Urban Arca | | 20111 | 107-00-11 | of traduity in the second | | | Rural Area | | | |
| | | Water Supply | | | Sanitation | ation | | | Water Supply | | | San | Sanitation | |
| Municipality | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| | per served population | per served population | per well | per unit | per unit | per unit | per unit | per served population | per served population | per well | per unit | per unit | per unit | per unit |
| | 4,652 | 1,584 | 164,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 164,000 | 4,871 | 653 | 271.000 | 342.000 |
| | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | (53 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342.000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 1 | 3,430 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 | 3,585 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 3,585 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 3,585 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 | 3,585 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 |
| Í | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| [| 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342.000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 2.2 1 airtay | 4,052 | 1,584 | 105,000 | 4,871 | i | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,032 | 1,784 | 000,001 | 4,8/1 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |

| Cont.) |
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| it Cost ((|
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| Table 9.3.2 |
| ppendix ' |
| <u> </u> |

| | | | | | | Phase | II (2010-201 | Phase II (2010-2015) Requirement | nt | | | | | |
|------------------------|--------------------------|--------------------------|----------|------------|------------------|------------------|---------------------|----------------------------------|--------------------------|----------|------------|------------------|------------------|---------------------|
| | | | | Urban Area | | | | | | Ц. | Rural Area | | | |
| | | Water Supply | | | Sanitation | ation | | - | Water Supply | | | Sani | Sanitation | |
| Municipality | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| | per served population | per served population | per well | per unit | per unit | per unit | per unit | per served population | per served population | per well | per unit | per unit | per unit | per unit |
| l Ampatuan | 4,652 | 1,584 | 164,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 164,000 | 4,871 | 653 | 271,000 | 342,000 |
| 2 Barira | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| 3 Buldon | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 5 Datu Odin Sinsuat | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 198,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 7 Datu Piang | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 8 Datu Saudi | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 10 Gen. S. K. Pendatun | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 11 Guindulungan | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 12 Kabuntalan | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 13 Mamasapano | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 14 Matanog | 4,652 | 1,584 | 105,000 | 4,871 | 653 | . 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 15 Pagagawan | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 1 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 17 Paglat | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,652 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 18 Parang | 4,342 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 |
| 19 Shariff Aguak | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 20 South Upi | 4,342 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 314,000 | 4,871 | 653 | 271,000 | 342,000 |
| 21 Sultan Kudarat | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 4,342 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 23 | 5,000 | 1,584 | 105,000 | 4,871 | (53 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | (53 | 271,000 | 342,000 |
| | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| i | 5,000 | 1,584 | 105,000 | 4,871 | (53 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |
| 26 Upi | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 | 5,000 | 1,584 | 105,000 | 4,871 | 653 | 271,000 | 342,000 |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

Page 4 of 24

Table 9.3.3 - Total Construction Cost

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| Municipality Le 1 Arrepatuan 2 Barita | | | | | | | | | | | | | | |
|--|-------------|--------------|------------|------------|---------------|---------------|--|------------|--|-------------|------------|---------------|---------------|-----------------|
| tuan la | | | | Urban Area | | | | | and the second | | Rural Area | | | |
| uan | | Water Supply | | | Sanitation | tion and | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | Water Supply | | | Smi | Sunitation | |
| 1 Arrpotuan 2 Barira | Level III | Level 11 | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Hitities |
| 2 Barira | 0 | 5,249,991 | 0 | 0 | 127,950 | 271,000 | 342,000 | 0 | 5,957,940 | 39,939,209 | 0 | 619 444 | PCU 313 | |
| | 0 | 4,516,294 | 0 | ¢ | 52,136 | 271,000 | 342,000 | 0 | 1,159,742 | 27,261,676 | 0 | 132.260 | 5.574.128 | |
| 3 Buldon | 0 | 4,449,017 | 0 | 0 | 31,006 | 271,000 | 342,000 | 0 | 4,201,139 | 48,894,242 | 0 | 316.653 | 1414 236 | , |
| 4 Buhuan 23 | 23,943,480 | 0 | 0 | 274,213 | 0 | 271,000 | 342,000 | 21,928,913 | 0 | 19,042,568 | 0 | 106.885 | 3 598 840 | , e |
| 5 Datu Odin Sinsuat | 0 | 3,120,728 | 11,368,015 | 1,474,449 | 70,446 | 271,000 | 342,000 | 0 | 11,197,209 | 119,413,247 | 3,103,597 | 991.258 | 2.628.608 | |
| 6 Datu Paglas | 0 | 2,259,085 | 0 | 0 | 28,457 | 271,000 | 342,000 | 0 | 1,012,969 | 22,995,202 | 0 | 219.636 | 761.182 | |
| 7 Datu Piang 20 | 20,220,289 | 0 | 0 | 447,639 | 0 | 390,297 | 342,000 | 0 | 0 | 27,735,529 | | 166.311 | | ; c |
| 8 Datu Saudi | 0 | 0 | 0 | 0 | 0 | Q | 0 | 0 | 2,400,930 | 26,107.394 | 0 | 211.510 | 360 274 | 000 041 |
| 9 Datu Unsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,196,730 | 10.024.501 | , o | 090 200 | L14'000 | 000 611 |
| 10 Gen. S. K. Pendatun | 0 | 3,230,676 | 2,824,766 | 0 | 120,299 | 271,000 | 342,000 | 0 | 6,840,055 | 17,869,026 | 0 | 462,385 | 464.339 | 0 |
| 11 Guindulungan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,288,063 | 0 | 234,006 | 1,475,427 | 342.000 |
| 12 Kabuntalan | 0 | 3,547,869 | 616,759 | 0 | 59,559 | 1,084,000 | 342,000 | 0 | 0 | 27,237,011 | 0 | 262,472 | 2.023.241 | 0 |
| 13 Martasapano | 0 | 0 | 846,066 | 0 | 4,846 | 271,000 | 342,000 | ð | 3,774,394 | 14,637,771 | 0 | 105,239 | 541,481 | 0 |
| 14 Matanog | 0 | 0 | 0 | 0 | 25,869 | 271,000 | 342,000 | 0 | 6,325,026 | 7,752,296 | 0 | 167,231 | 3,234,391 | 0 |
| 15 Pagagawan | • | 0 | 0 | 0 | 0 | 0 | Ð | 18,617,666 | 0 | 31,187,747 | 527,203 | 448,011 | 1,218,864 | 342,000 |
| ngan | 16,008,991 | 0 | 1,395,735 | 1,941,810 | 50,120 | 271,000 | 342,000 | 0 | 0 | 32,530,144 | 0 | 1,008,109 | 854,105 | 0 |
| 17 Paglat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,078,335 | 0 | 57,354 | 271,000 | 342.000 |
| | 15,413,377 | 2,421,284 | 56,816,541 | 2,128,329 | 164,201 | 542,000 | 342,000 | 0 | 0 | 87,046,761 | 656,666 | 310,975 | 549,815 | 0 |
| Shuriff Aguak | 17,207,769 | 0 | 0 | 1,480,101 | 0 | 0 | 342,000 | 12,544,148 | 3,073,318 | 18,332,673 | 1,677,425 | 421,788 | 405,337 | 0 |
| South Upi | 15,296,997 | 0 | 11,099,673 | 1,200,081 | 60,972 | 0 | 342,000 | 0 | 0 | 78,830,681 | 0 | 429,897 | 362,366 | 0 |
| 21 Sultan Kudarat | 0 | 0 | 517,141 | 1,103,299 | 0 | 0 | 342,000 | 7,668,450 | 1,284,381 | 53,724,341 | 4,158,622 | 828,959 | 1.796,838 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,681,010 | 16,516,731 | 0 | 307,169 | 521,533 | 342.000 |
| 23 Sultan Sa Barongis | 0 | 3,830,996 | 766,597 | 0 | 183,272 | 813,000 | 342,000 | 0 | 0 | 33,478,797 | 0 | 1,028,155 | 1.277.003 | G |
| 24 Talayan | 0 | 2,650,117 | 1,444,400 | 0 | 60,552 | 271,000 | 342,000 | 0 | 1,256,335 | 26,382,860 | • | 295,514 | 859,818 | 0 |
| 25 Talitay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33,188,533 | 0 | 445.348 | 4.078.204 | 142 000 |
| | 14,096,621 | 0 | 0 | 0 | 43,218 | 271,000 | 342,000 | 0 | 0 | 49,457,785 | 0 | 405,713 | 1,795,717 | 0 |
| Provincial Total 122. | 122,187,525 | 35,276,057 | 87,695,694 | 10,049,920 | 1,082,906 | 6,081,297 | 6,498,000 | 60,759,177 | 53,361,176 | 906,953,126 | 10,123,514 | 10,277,345 | 36.984.770 | 2.394.000 |

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| | | | | | | · · · · · · · · · · · · · · · · · · · | Phase II (2010-2015) Requirement | 115) Requirement | | | | | | |
|------------------------|---|--------------|------------|------------|---------------|---------------------------------------|----------------------------------|------------------|--------------|-------------|------------|---------------|---------------|------------------|
| | | | | Urban Area | | | | | | | Rural Area | | | |
| Municipality | The second se | Water Supply | | | Sanitation | ion . | ì | | Water Supply | | | Sanitation | ation | |
| - | Level III | Level 11 | Levell | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level 1 | 1414 Flush | HH Pour Flush | Public School | Public Utilities |
| i Ampatuan | 0 | 1,575,694 | 726,822 | 0 | 102,622 | 271,000. | 342,000 | 15,952,410 | 6,400,778 | 33,527,466 | 609,272 | 427,034 | 300,723 | Q |
| 2 Barica | 0 | 960,800 | 0 | 0 | 1 | 271,000 | 342,000 | 0 | 345,897 | 28,204,804 | 0 | 279,448 | 224,317 | 0 |
| | 0 | 1,890,317 | 2,594,087 | 0 | 139,063 | 271,000 | 342,000 | 16,794,234 | 0 | 53,699,664 | 0 | 571,763 | 822.525 | 0 |
| 4 Buluan | 5,874,046 | 0 | 0 | 1,225,170 | 0 | 0 | 342,000 | 5,379,813 | 0 | 18,711,374 | 0 | 474,767 | 10,642 | 0 |
| 5 Datu Odin Sinsuat | 0 | 1,023,977 | 812,822 | 1,351,827 | 64,588 | 271,000 | 342,000 | 0 | 3,674,042 | 91,425,735 | 2,893,463 | 712.060 | 1,316,656 | 0 |
| 6 Datu Paglas | 0 | 729,492 | 291,235 | 0 | 55,177 | 271,000 | 342,000 | 0 | 338,180 | 23,484,408 | 0 | 424,880 | 281,384 | 0 |
| 7 Datu Piang | 6,099,656 | 0 | 0 | 252,204 | 0 | 0 | 342,000 | 0 | 0 | 27,956,832 | 0 | 93,488 | 167,442 | 0 |
| S Datu Saudi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 623,689 | 26,382,548 | 0 | 132,533 | 167,442 | 342,000 |
| 9 Datu Unsay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 556,775 | 10,134,121 | 0 | 343,886 | 0 | 342,000 |
| 10 Gen. S. K. Pendatun | 0 | 948,073 | 3,162,858 | 0 | 177,272 | 0 | 342,000 | 0 | 2,007,280 | 18,962,989 | 0 | 681,367 | 373,865 | 0 |
| 11 Guindelungan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,510,439 | 0 | 399,889 | 411,293 | 342,000 |
| 12 Kabuntalan | 0 | 1,255,790 | 1,304,837 | 0 | 105,577 | 271,000 | 342,000 | 0 , | 0 | 29,024,496 | 0 | 493,968 | 543,640 | 0 |
| 13 Marrasapano | 0 | | 851,674 | | 11,734 | 0 | 342,000 | ł | 977,874 | 14,830,982 | 0 | 263,061 | 125,816 | 0 |
| 14 Matanog | 0 | 0 | 3,447,163 | 0 | 52,850 | 0 | 342,000 | ¢ | 2,090,860 | 13,317,600 | 0 | 332,052 | 599,427 | 0 |
| 15 Pagagawan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,006,373 | 0 | 36,092,673 | 896,381 | 788,140 | 704,484 | 342,000 |
| to Pagalungan | 6,506,979 | 0 | 2,740,190 | 1,703,720 | 41,612 | 0 | 342,000 | 0 | 0 | 35,554,360 | 0 | 919,740 | 650,293 | 0 |
| 17 Paglat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,338,681 | 0 | 117,802 | 0 | 342,000 |
| 18 Parang | 8,526,409 | 728,734 | 14,684,079 | 1,906,368 | 48,594 | 271,000 | 342,000 | 0 | 0 | 79,085,722 | 561,563 | 257,969 | 528,300 | 0 |
| 19 Shariff Aguak | 5,282,307 | 0 | 46,450 | 1,727,855 | 0 | 0 | 342,000 | 3,850,705 | 778,952 | 18,552,962 | 1,958,209 | 496,002 | 188,462 | 0 |
| 20 South Upi | 5,715,723 | 0 | 12,537,631 | 1,258,612 | 63,946 | 0 | 342,000 | 0 | 0 | 74,560,026 | 0 | 456,366 | 144,603 | 0 |
| 21 Sultan Kudarat | 0 | 0 | 770,193 | 2,061,398 | 0 | 0 | 342,000 | 3,271,510 | 487,673 | 70,211,644 | 7,769,948 | 1,547,106 | 939,056 | 0 |
| 22 Sultan Mastura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 830,394 | 17,614,300 | 0 | 575,224 | 278,179 | 342,000 |
| 23 Sultan Sa Barongis | 0 | 1,560,240 | 0 | 0 | 189,922 | 0 | 342,000 | 0 | 0 | 34,889,831 | 0 | 1,403,784 | 354,896 | 0 |
| 24 Talayan | 0 | 1,122,840 | 2,447,649 | 0 | 103,476 | 0 | 342,000 | 0 | 532,302 | 30,228,164 | 0 | \$05,000 | 362,351 | 0 |
| 25 Talitay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,672,387 | 0 | 575,412 | 845,579 | 342,000 |
| 26 Upi | 4,022,163 | 0 | 131,391 | 764,270 | 0 | 271,000 | 342,000 | 0 | 0 | 50,398,982 | 0 | 916,612 | 737,400 | 0 |
| Provincial Total | 42,027,282 | 11,795,956 | 46,549,079 | 12,311,424 | 1,260,151 | 2,168,000 | 6,498,000 | 55,255,045 | 19,644,697 | 916,373,188 | 14,688,835 | 14,407,611 | 11,078,784 | 2,394,000 |

Table 9.3.3 - Total Construction Cost (Cont.)

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| | | (r × 1,000 | - Dr calhuo | 1 1- II 400 I | - | | Phase | Phase I (2005-2010) Requirement | 10) Requi | rement | | | | | |
|-----------|---|------------|--------------|---------------|------------|------------------|--------|---------------------------------|-----------|--------------|---------|-------------|------------------|--------------------|---------------------|
| | | | | | Urban Area | | | | | | | Rural Area | | | |
| | Municipality | 3 | Water Supply | | | 12.2.1 | | | | Water Supply | ply | | San | - 21 | |
| | | Level III | Level II | Level 1 | HH | HH Pour Flush | Public | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | r Public School | Public Utilities |
| <u> -</u> | <i>I</i> . Ampatuan | 0 | 5,250 | 0 | 0 | 128 | 271 | 342 | 0 | 5,958 | 39,939 | 0 | 619 | 838 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 787 | 0 | 0 | 61 | 41 | 51 | 0 | 894 | 5,991 | 0 | | 126 | 0 |
| - | 3. Price Contingency (10% of 1 & 2) | 0 | 604 | 0 | 0 | 15 | 31 | 39 | 0 | 685 | 4,593 | 0 | 12 | 96 | 0 |
| | 4. Total Direct Cost | 0 | 6,641 | 0 | 0 | 162 | 343 | 433 | 0 | 7,537 | 50,523 | 0 | 784 | 1,060 | 0 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 598 | 0 | 0 | 15 | 31 | 39 | 0 | 678 | 4,547 | 0 | 12 | 95 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 266 | 0 | 0 | 6 | 14 | 17 | 0 | 301 | 2,021 | 0 | 31 | 42 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 199 | 0 | 0 | 5 | 10 | 13 | 0 | 904 | 6,063 | 0 | 94 | 127 | 0 |
| | 9. Total indirect Cost | 0 | 1,063 | 0 | 0 | 26 | 55 | 69 | 0 | 1,884 | 12,631 | 0 | 196 | 265 | 0 |
| | 10. Total Project Cost | 0 | 7.704 | 0 | 0 | 188 | 398 | 502 | 0 | 9,421 | 63,154 | 0 | 979 | 1325 | 0 |
| | | | | | | | | | | | | | | | |
| ~ | 1. Barira | 0 | 4,516 | 0 | 0 | 52 | 271 | 342 | 0 | 1,160 | 27,262 | 0 | 132 | 5,574 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 677 | 0 | 0 | 8 | 41 | 51 | 0 | 174 | 4,089 | 0 | 20 | 836 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 519 | 0 | 0 | 6 | 31 | 39 | 0 | 133 | 3,135 | 0 | 15 | 641 | 0 |
| | 4. Total Direct Cost | 0 | 5,713 | 0 | 0 | 66 | 343 | 433 | 0 | 1,467 | 34,486 | 0 | 167 | 7,051 | 0 |
| | 5. Indirect Cost | 7 | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 514 | 0 | 0 | 6 | 31 | 39 | 0 | 132 | 3,104 | 0 | 15 | 635 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 229 | 0 | 0 | 3 | 14 | 17 | 0 | 59 | 1,379 | 0 | 7 | 282 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 121 | 0 | 0 | 2 | 10 | 13 | 0 | 176 | 4,138 | 0 | 20 | 846 | 0 |
| | 9. Total indirect Cost | 0 | 914 | 0 | 0 | 11 | 55 | 69 | 0 | 367 | 8,622 | 0 | 42 | 1,763 | 0 |
| | 10.Total Project Cost | 0 | 6,627 | 0 | 0 | 77 | 398 | 502 | 0 | 1,834 | 43,108 | 0 | 209 | 8,814 | 0 |
| m | 1. Buldon | 0 | 4,449 | 0 | 0 | 31 | 271 | 342 | 0 | 4,201 | 48,894 | 0 | 317 | 1.414 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 667 | 0 | 0 | 5 | 41 | 51 | 0 | 630 | 7,334 | 0 | 47 | 212 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 512 | 0 | 0 | 4 | 31 | 39 | 0 | 483 | 5,623 | 0 | 36 | 163 | 0 |
| | 4. Total Direct Cost | 0 | 5,628 | 0 | 0 | 39 | 343 | 433 | 0 | 5,314 | 61,851 | 0 | 401 | 1,789 | 0 |
| | 5. Indirect Cost | | | | _ | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 507 | 0 | 0 | 4 | 31 | 39 | 0 | 478 | 5,567 | 0 | 36 | 161 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 225 | 0 | . 0 | ·2 | 14 | 17 | 0 | 213 | 2,474 | 0 | 91 | 72 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 169 | 0 | 0 | 1 | 10 | 13 | 0 | 638 | 7,422 | 0 | 48 | 215 | 0 |
| · | 9. Total indirect Cost | 0 | 900 | 0 | 0 | | 55 | 60 | 0 | 1,329 | 15,463 | 0 | 100 | 447 | 0 |
| | 10.Total Project Cost | 0 | 6,528 | 0 | 0 | 45 | 398 | 502 | 0 | 6,643 | 77,314 | 0 | 501 | 2,236 | 0 |
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Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao .

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| 4 Total Investment Costs (P x 1,000)- breakdown | |
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| indix Table 9.3 | |
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| Rural Area Aupply Aunt Sanit Sanit II Levell HH HH Pour 0 19,043 0 107 <t< th=""><th></th><th>Appendix 1 abre 2.5. \pm 1 0 tai 11/ Estimetit Cosis (r. X. 1,000/° Di caraovia $-$r. 11 abr</th><th>land a way</th><th></th><th>DCDIT T- TTL</th><th>-</th><th></th><th>Phase I</th><th>(2005-20</th><th>Phase I (2005-2010) Requirement</th><th>rement</th><th></th><th></th><th></th><th></th><th></th></t<> | | Appendix 1 abre 2.5. \pm 1 0 tai 11/ Estimetit Cosis (r. X. 1,000/° Di caraovia $-$ r. 11 abr | land a way | | DCDIT T- TTL | - | | Phase I | (2005-20 | Phase I (2005-2010) Requirement | rement | | | | | |
|--|---|---|------------|-------------|--------------|----------|------------------|------------|------------------|---------------------------------|---------------|---------|-----------|------------------|------------------|-------------------------------|
| Municipality Contract STPN with a strain of the strain strain of the strain strai | | | | | 5 | ban Area | | | ļ | - | | R | ural Area | | | |
| The function Consisting of the function Consisting function <thconsistin< th=""> Consisting Consisti</thconsistin<> | | Municipality | M | ater Supply | | | Sanita | | 1000000 | | Water Sup | oly | | Service Sanit | | |
| 1 Plutum 23,90 0 23,91 0 23,95 13 13 13,95 | | | Level III | Level II | e v | 1501 | HH.Pour Flush | lic | Public Utilities | Level III | Level II | Level I | Flush | HH Pour Flush | Public School | <pre> Public Utilities </pre> |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | 4 | / Buluan | 23.943 | 0 | 0 | | | | 342 | 21,929 | 0 | 19,043 | 0 | 107 | 3,599 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 2. Physiscal Contingency(15% of 1)) | 3,592 | 0 | 0 | 41 | 0 | 41 | 51 | 3,289 | 0 | 2,856 | 0 | 16 | 540 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 3. Price Contingency (10% of 1 & 2) | 2 754 | 0 | 0 | | 0 | 31 | 39 | 2,522 | 0 | 2,190 | 0 | 12 | 414 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 4. Total Direct Cost | 30,289 | 0 | 0 | 347 | 0 | 343 | 433 | 27,740 | 0 | 24,089 | 0 | 135 | 4,553 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 5 Indiract Cost | | _ | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 6 Forsihility Study/DD (0% of 4) | 2.726 | 0 | 0 | 31 | 0 | 31 | 39 | 2,497 | 0 | 2,168 | 0 | 12 | 410 | 0 |
| 6. Training(76 and 13%) or the factor of the fac | | 7 Construction Supervision(4% of 4) | 1212 |) O | 0 | 14 | 0 | 14 | 17 | 1,110 | 0 | 964 | 0 . | 5 | 182 | 0 |
| $ \begin{array}{l c c c c c c c c c c c c c c c c c c c$ | | 8. Training(3% and 12% for urban & rural) | 906 | 0 | 0 | 01 | 0 | 01 | 13 | 3,329 | . 0 | 2,891 | 0 | 16 | 546 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 9. Total indirect Cost | 4,846 | 0 | 0 | 56 | 0 | 55 | 69 | 6,935 | 0 | 6,022 | 0 | 34 | 1,138 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | | | | | ; | | | ` | | | 1 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 10.Total Project Cost | 35,135 | 0 | 0 | 402 | 0 | 398 | 502 | 34,675 | 0 | 30,111 | 0 | 109 | 2,091 | » |
| 1. Dan Odin Simera(15% of 1) 0 3/11 11/368 1/341 70 271 91 3/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/19/11 3/19 1/13 3/11 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0000</td><td></td></th<> | | | | | | | | | | | | | | | 0000 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | ŝ | Datu Odin Sinsuat | 0 | 3,121 | 11,368 | 1,474 | 2 | 271 | 342 | 0 | 11,197 | 119,413 | 5,104 | 166 | 7,029 | 2 |
| 3. Price Contingency (10% of 1 & 2) 0 339 130 170 8 31 39 0 1.288 13.733 337 114 4. Total Direct Cost 0 3.946 14.381 1.805 8? 343 433 0 14.166 151.058 3.936 1.244 5. Indirect Cost 0 3.55 1.294 168 8 1 17 0 1.275 1339 333 113 6. Factation Supervision(4% of 4) 0 1.83 7.5 4 17 0 5.67 6.042 157 3.0 7. Construction Supervision(4% of 4) 0 1.83 7.3 3.7 4 17 0 5.77 3.0 3.13 1.13 7. Construction Supervision(4% of 4) 0 1.86 1.4 5.5 4 14 17 0 5.76 9.23 4.708 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 1.306 | | 2. Physiscal Contingency(15% of 1)) | 0 | 468 | 1,705 | 221 | 11 | 41 | 51 | 0 | 1,680 | 17,912 | 466 | 149 | 394 | 0 |
| T.Total Dreet Cost 0 3.948 $1.4.361$ 1.865 8.92 3.33 0 $1.51/63$ 3.326 1.234 5 Indirect Cost 0 335 1.294 1666 8 31 392 1.295 333 1.294 1.275 3.326 1.37 310 5 Indirect Cost 0 1.35 7.3 7.5 7.3 7.5 8.32 1.247 8.05 3.35 | | 3. Price Contingency (10% of 1 & 2) | 0 | 359 | 1,307 | 170 | 8 | 31 | 39 | 0 | 1,288 | 13,733 | 357 | 114 | 302 | 0 |
| 5. Indirect Cost 5. 1.204 166 8 31 39 0 1.275 13.595 353 11.3 6. Feasibility Study(DD (9% of 4) 0 335 1.204 166 8 31 37 4 11.7 30 0 1.275 13.595 353 11.3 7. Construction Supervision(4% of 4) 0 11.8 317 75 7 9 0 1.275 13.905 353 11.3 7. Construction Supervision(4% of 4) 0 11.8 317 76 9 0 1.275 13.905 333 13.91 <th< td=""><td></td><td>4. Total Direct Cost</td><td>0</td><td>3,948</td><td>14,381</td><td>1,865</td><td>89</td><td>343</td><td>433</td><td>0</td><td>14,164</td><td>151,058</td><td>3,926</td><td>1,254</td><td>3,325</td><td>0</td></th<> | | 4. Total Direct Cost | 0 | 3,948 | 14,381 | 1,865 | 89 | 343 | 433 | 0 | 14,164 | 151,058 | 3,926 | 1,254 | 3,325 | 0 |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 5 F. J | - | | | | | | | | | | | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 2. Indirect Cost | | 255 | 1 204 | 168 | Q | 15 | 30 | 0 | 1 275 | 13 505 | 353 | 113 | 209 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 0. reasibility bill ULUNUMUC VIIII 4) | | | 1,474 | 22 | > | 3 | 11 | | 587 | CV0'21 | 157 | 202 | 122 | |
| S. Iraning(3% and 12%) T_{26} for the form 12%) T | | 7 Construction Supervision (4% of 4) | 2 | 8C1 | C/C | ຊ:ະ¢ | * 0 | <i>*1</i> | 13 | 2 < | 100 I | 18 177 | 127 | 027 | 200 | |
| 9. Total Indirect Cost 0 032 L_53UI 296 I_4 03 09 0 0.741 $0.7,06$ voz 0.72 10. Total Project Cost 0 4,579 $I6.68I$ $2,164$ $I03$ 398 502 0 17706 $188,822$ $4,908$ 1.567 1. Data Project Cost 0 $2,539$ 0 $2,339$ 0 1013 $22,995$ 0 220 2. Physical Contingency($15\% of 1$) 0 $2,339$ 0 331 313 313 313 421 32 0 $2,339$ 0 $2,339$ 0 $2,33$ 3. Project Cost 0 $2,338$ 0 0 123 449 0 278 4. Total Drivect Cost 0 $2,338$ 0 $1,281$ $29,069$ 0 2564 0 278 5 Indurect Cost 0 $2,333$ 433 33 433 0 $1,164$ 0 11 6 Fermilingender Cost 0 $2,517$ 0 $1,286$ <td></td> <td>8. Training(3% and 12% for uroan & rural)</td> <td></td> <td>1/0</td> <td>104</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>222</td> <td>17101</td> <td>100</td> <td>212</td> <td>100</td> <td></td> | | 8. Training(3% and 12% for uroan & rural) | | 1/0 | 104 | | | | | | 222 | 17101 | 100 | 212 | 100 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 9. Total indirect Cost | 0 | 632 | 2,301 | 298 | . 14 | ŝ | 60 | 5 | 140,5 | 31,104 | 707 | crc | 100 | 5 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 10.Total Project Cost | 0 | 4,579 | | 2,164 | 103 | 398 | 502 | 0 | 17,706 | 188,822 | 4,908 | 1,567 | 4,156 | 0 |
| I. Datu Paglas 0 2,259 0 0 2,295 0 220,95 0 220,95 0 233 1 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 33 0 1/16 2,644 0 33 31 33 0 1/16 2,644 0 33 31 33 0 1/16 2,644 0 23 31 33 0 1/16 2,644 0 23 31 33 0 1/16 2,644 0 23 31 33 0 1/16 2,644 0 23 31 33 0 1/16 2,644 0 23 31 33 0 1/16 1/281 2,618 0 23 31 33 31 33 31 33 31 33 31 33 31 33 31 33 32 34 34 34 34 34 34 34 34 34 34 <td></td> | | | | | | | | | | | | | | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 0 | Datu Paglas | 0 | 2,259 | 0 | 0 | 28 | 271 | 342 | 0 | 1,013 | 22,995 | 0 | 220 | 761 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 2. Physiscal Contingency(15% of 1)) | 0 | 339 | 0 | 0 | 4 | 41 | 51 | 0 | 152 | 3,449 | 0 | 33 | 114 | 0 |
| Total Direct Cost 0 2,858 0 0 33 433 0 1,281 29,089 0 278 Indirect Cost 0 2,858 0 0 1281 29,089 0 23 Indirect Cost 0 237 0 0 3 31 39 0 115 2,618 0 23 Feasibility Study/DD (9% of 4) 0 114 0 0 1 14 17 0 51 1,164 0 11 1 Construction Supervision(4% of 4) 0 114 0 0 1 14 17 0 51 1,164 0 33 Training(3% and 12% for urban & rural) 0 457 0 0 6 55 69 0 330 7,272 0 69 3491 0 33 Total indirect Cost 0 3,315 0 0 42 398 502 0 1,602 36,361 0 347 Total Indirect Cost 0 3,315 0 0 | | 3. Price Contingency (10% of 1 & 2) | 0 | 260 | 0 | 0 | 3 | 31 | 39 | 0 | 116 | 2,644 | 0 | 25 | 88 | 0 |
| Indirect Cost | | 4. Total Direct Cost | 0 | 2,858 | 0 | 0 | 36 | 343 | 433 | 0 | 1,281 | 29,089 | 0 | 278 | 963 | 0 |
| Induced Cost 0 257 0 0 31 39 0 115 $2,618$ 0 25 Feasibility Study/DD (9% of 4) 0 114 0 31 39 0 115 $2,618$ 0 25 Construction Supervision(4% of 4) 0 0 1 14 17 0 51 $1,164$ 0 31 Training(3% and 12%) for urban & rural) 0 86 0 0 13 0 154 $3,491$ 0 33 Total indirect Cost 0 457 0 0 42 398 502 0 $7,272$ 0 69 Total indirect Cost 0 $3,315$ 0 0 $4,2$ 398 502 0 $1,602$ $36,361$ 0 347 Total indirect Cost 0 $3,315$ 0 0 $1,602$ $36,361$ 0 347 | | 6 T. J | | | | | | | | | | | | | | |
| Teamuny curvestion (4% of 4) 0 114 0 0 1 14 17 0 51 1,164 0 11 Construction Supervision (4% of 4) 0 0 1 10 13 0 154 3,491 0 33 Training (3% and 12% for urban & rural) 0 457 0 0 6 55 69 0 33 91 0 33 Total indirect Cost 0 3.315 0 6 55 69 0 160 33 347 0 347 Total indirect Cost 0 3.315 0 0 42 398 502 0 160 347 Total Project Cost 0 3.315 0 42 398 502 0 1.602 36.361 0 347 | | J. Huirect Cost 6 Formikiliky StudiyDD (0% of 4) | 0 | 257 | 0 | 0 | ~ | 31 | 39 | 0 | 115 | 2.618 | 0 | 25 | 87 | 0 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 0. reastoring Dinustration (2700) 7) | | 114 | 0 | 0 | | 14 | 17 | 0 | 51 | 1.164 | 0 | 11 | 39 | 0 |
| Total indirect Cost 0 457 0 0 6 55 69 0 7272 0 69 Total indirect Cost 0 3,315 0 0 42 398 502 0 1,602 36,361 0 347 | | 1 CONSTRUCTION Super VISION (7 / 0 0) +) | | y a | , c | , , | | . 9 | 13 | | 154 | 3 401 | 0 | | 116 | 0 |
| Total Project Cost 0 3,315 0 0 42 398 502 0 1,602 36,361 0 | | 6. Training(276 and 1276 for urban ex rutal) 0 Trial indirect Cost | 0 | 457 | 0 | <u> </u> | 0 | <u>, 5</u> | 69 | | 320 | 7.272 | 0 | 6 | 241 | 0 |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 2. 10tu: thurt cot 0001 | | | | , | | | | | | | | | | |
| | | | 0 | 3,315 | 0 | 0 | 42 | 398 | 502 | 0 | <i>I</i> ,602 | 36,361 | 0 | 347 | 1,204 | 0 |
| | | | | | | | | | | | | | | | | |
| | C | | | | | 1 | Ċ | | | | | | | | | С |
| | | v (2 | | | | |) | | | | | | | | |) |

| Municipality Event Area Contract Control of the contr | | Appendix Table 9.3. 4 Total Investment Costs (P x 1,000)- breakdown -Phase I | (P x 1,000) | - breakdo | wn -Phase | Ţ | | | | | | | | | | |
|--|-------------|--|-------------|---------------------------------|-----------|-------------|------------------|-------|-----------------|-----------|-----------|---------|--|--------------|------------------|--------|
| Municipality Municipality Reserve were served protector were and prot | | | | | - | - | | Phase | 1 (2005-2 | 010) Requ | irement | | | | | |
| Induction of the Flux Solution of the flux Solutio | | Municipality | 111 | 1 (Dear of All C (Dear of All C | | rban Area | | | | | | | kural Area | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | wuntcrpatity | | ater Suppi | X | | Sanit | | | | Water Suj | | a statistica de la construcción de | Sanii | ation | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | reconcention19.00744- | Level 1 | HH Flush | HH Pour Flush | | 12.15.11.110.01 | Level III | Level II | Level I | HH | HH Pour | Public Set of | Public |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | ~ | | 20,220 | 0 | .0. | 448 | 0 | . 390 | 342 | | c | 27.736 | | 1991 | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 2. Physiscal Contingency(15% of 1)) | 3,033 | 0 | 0 | 67 | 0 | 59 | 51 | 0 | 0 | 4.160 |) o | 25 | | |
| 4 food Direct Cost 25,379 0 9 (36) 0 9.4 433 0 0 3,305 0 20 0 0 3,105 0 20 0 2 0 2 0 2 0 2 0 2 0 2 0 3,105 0 0 3,105 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 2 0 2 2 0 2 2 0 2 2 2 2 2 2 2 2 <th2< th=""> 2 <th2< th=""> <th< td=""><td></td><td>3. Price Contingency (10% of 1 & 2)</td><td>2,325</td><td>0</td><td>0</td><td>51</td><td>0</td><td>45</td><td>39</td><td>0</td><td>0</td><td>3,190</td><td>00</td><td>61</td><td>0 0</td><td>0 0</td></th<></th2<></th2<> | | 3. Price Contingency (10% of 1 & 2) | 2,325 | 0 | 0 | 51 | 0 | 45 | 39 | 0 | 0 | 3,190 | 00 | 61 | 0 0 | 0 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 4.Total Direct Cost | 25,579 | 0 | 0 | 566 | 0 | 494 | 433 | 0 | 0 | 35,085 | 0 | 210 | 0 | 0 |
| 6 Famility Study(D) (%s(s), 1) 2.912 0 9 51 0 0 3.158 0 19 0 19 0 1 0 1 0 0 3.158 0 19 0 19 0 19 0 1 0 2.302 0 2.302 0 2.313 0 2.33 2.33 0 2.33 2.33 2.33 | - | 5. Indirect Cost | | | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 6. Feasibility Study/DD (9% of 4) | 2.302 | 0 | 0 | 15 | 0 | 44 | 30 | 0 | V | 2 150 | | | | < |
| 8. Training/S6 and 12% for whom δ ranch) 737 0 17 0 15 13 0 4.210 0 23 0 23 0 23 0 23 0 23 0 23 0 23 23 0 23 | | 7 Construction Supervision(4% of 4) | 1,023 | 0 | 0 | 23 | 0 | 20 | 17 | 0 | 0 | 1 403 | | ~ ~ | | |
| 3. Total indiract Coart 4.03 0 9.1 0 5.7 5.9 5.7 | | 8. Training(3% and 12% for urban & rural) | 767 | 0 | 0 | 17 | 0 | 15 | 13 | 0 | 0 | 4,210 | 0 | 25 | 0 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 9. Total indirect Cost | 4,093 | 0 | 0 | 16 | 0 | 29 | 69 | 0 | 0 | 8,771 | 0 | 53 | 0 | 0 |
| 1 Data Statif. 0 <th< td=""><td></td><td></td><td>29,671</td><td></td><td>÷ e</td><td>657</td><td>0</td><td>573</td><td>502</td><td>0</td><td>U</td><td>43 857</td><td>0</td><td>363</td><td></td><td></td></th<> | | | 29,671 | | ÷ e | 657 | 0 | 573 | 502 | 0 | U | 43 857 | 0 | 363 | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | | | | | | | | | C 0.* | > | |
| 2. Plystrad Contrigency(15% of (1)) 0 0 0 0 0 0 0 0 307 3002 0 24 41 Three Contingency(15% of (1) 0 0 0 0 0 0 0 0 0 233 3302 0 24 41 7. Price Contingency(15% of 1 & 2.) 0 0 0 0 0 0 0 0 233 3302 0 24 41 5. Infineer Coart 0 0 0 0 0 0 0 233 2302 0 24 41 6. Fatability SindyDD (9% of 4) 0 0 0 0 0 0 0 233 2303 0 23 41 14 7. Outstrandien Supervision(9% of 4) 0 0 0 0 0 0 0 0 23 353 0 23 353 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14< | \$ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.401 | 26.107 | C | 212 | 098 | 672 |
| 3. Price Contingency (10% of 1 & 2) 0 0 0 0 276 3,002 0 24 41 4. Total Direct Cost 0 0 0 0 2,012 3,002 0 268 456 - 5. Indirect Cost 0 0 0 0 0 2,012 1,321 1,321 0 11 1 1 5. Indirect Cost 0 0 0 0 0 0 1,321 3,032 0 2,4 41 1 5. Indirect Cost 0 0 0 0 0 0 123 2,972 0 2,4 41 1 7. Total Indirect Cost 0 0 0 0 0 0 0 2,4 11,4 1 11,4 1 8. Training 7 and indirect Cost 0 0 0 0 0 3,035 0 2,4 4,1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 360 | 3,916 | 0 | 32 | 54 | 51 |
| 4. Total Direct Cost 0 | | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 276 | 3,002 | 0 | 24 | 41 | 39 |
| | | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,037 | 33,026 | 0 | 268 | 456 | 433 |
| 6. Feasibility Study(DD (9% of 4)) 0 0 0 0 233 2972 0 11 18 7. Construction Supervision(4% of 4) 0 0 0 0 121 1,321 0 11 18 7. Construction Supervision(4% of 4) 0 0 0 0 0 121 1,321 0 11 18 9. Total Inducer Cost 0 0 0 0 0 0 356 0 375 355 0 375 55 | | 5. Indirect Cost | | - | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 773 | 1 070 | | | | 0, |
| 3 Training(36 and 12% for urban & rural) 0 0 0 0 0 0 3 <th< td=""><td></td><td>7 Construction Supervision(4% of 4)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>101</td><td>11217</td><td></td><td>11</td><td>41</td><td>20</td></th<> | | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 11217 | | 11 | 41 | 20 |
| 3. Total Indirect Cost 0 0 0 0 0 739 8.256 0 67 114 $10. Total Project Cost$ 0 0 0 0 0 0 0 0 0 0 0 $10. Total Project Cost$ 0 0 0 0 0 0 0 0 339 570 334 570 $1. Total Unsay000000003301,504034402. Physiccal Contingency (13% of 1)00000003301,50400343. Price Contingency (13% of 1)00000003301,504003. Price Contingency (13% of 1)00000003301,504003. Price Contingency (10% of 1 & 2)00000003301,504005. Factor Cost000000003470005. Factor Different Cost000000000005. Factor Different Cost00000000000$ | | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 364 | 3.963 | 0 | 32 | 55 | 52 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 759 | 8,256 | 0 | 22 | 114 | 108 |
| $ \begin{array}{l c c c c c c c c c c c c c c c c c c c$ | | 10.Total Project Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,796 | 41,282 | 0 | 334 | 570 | 541 |
| Physiscal Contingency(15% of 1) 0 < | 0 | /. Datu Unsav | c | c | C | C | c | c | C | C | 7107 | 10.005 | < | L CC | 4 | |
| Price Contingency (10% of 1 & 2)00000002531,1530340Iotal Direct Cost0000000037303730Indirect Cost0000000037303730Indirect Cost0000000037303730Feasibility Study/DD (9% of 4)0000000340340Training(3% and 12% for urban & rural)00000001115070150Training(3% and 12% for urban & rural)0000000099161616Training(3% and 12% for urban & rural)000000093331,5220450Total indirect Cost0000000093700930Total Project Cost000000009315,85104570Total Project Cost0000000009374715,85104570 | | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | <u>, 0</u> | -0 | 0 | <u>^</u> 0 | ° O | 330 | 1 504 | | CK7 | | 542 |
| Indirect Cost 0 0 0 0 2.779 12,681 0 373 0 Indirect Cost 1 | | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 253 | 1.153 | 0 | 34 | <u> </u> | 30 |
| Indirect CostIndirect CostIndir | | 4. Total Direct Cost | Ö | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,779 | 12,681 | 0 | 373 | 0 | 433 |
| Feasibility Study/DD (9% of 4) 0 0 0 0 0 0 0 250 1,141 0 34 0 0 201 Construction Supervision(4% of 4) 0 0 0 0 0 111 507 0 15 0 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 0 15 15 0 15 | ····· | 5. Indirect Cost | | - | | | | | | | | | f | | | |
| Construction Supervision (4% of 4) 0 0 0 0 0 0 111 507 0 15 0 0 15 0 0 0 0 15 15 0 15 0 15 15 0 15 15 15 0 15 15 0 15< | | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 | 1,141 | 0 | 34 | 0 | 39 |
| Iraining(3% and 12% for urban & rural) 0 0 0 0 0 0 45 0 Total indirect Cost 0 0 0 0 0 0 0 93 1,522 0 45 0 Total indirect Cost 0 0 0 0 0 0 0 93 93 1,522 0 45 0 Total indirect Cost 0 0 0 0 0 0 93 93 0 Total Project Cost 0 0 0 0 0 74 15,851 0 467 0 | | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | | - ` | · 0 | 0 | 0 | 111 | 507 | 0 | 15 | 0 | 17 |
| Total indirect Cost 0 0 0 0 0 0 0 0 0 0 .Total Project Cost 0 0 0 0 0 0 0 0 0 0 | <u> </u> | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 333 | 1,522 | 0 | 45 | 0 | 52 |
| 0 0 0 0 0 0 0 3,474 15,851 0 467 0 | | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 695 | 3,170 | 0 | 93 | 0 | 108 |
| | | 10.Total Project Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,474 | 15,851 | 0 | 467 | 10 | 541 |
| | | | | | | | | | | | | | | | , , | ; |

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| Municipality Chien Area Othen Area Chien Area Samutation And Area And | Manuality The function of the function | | | | | | Phase | Phase I (2005-2010) Requirement | 10) Requi | rement | | | | | |
|--|--|---|-----------------|------------|--------------|-------|------------------|---------------------------------|-----------|-----------|-----------------|-------------|------------------|------------------|---------------------|
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | Municipality | | | | Jrban Area | | | | | | | ural Area | | | |
| Chen, S, K, Pendelin Foreball Pointice Second | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | Municipality | Water St | | | Sanit | | | | Water Sup | ply | | a Sanit | ation | 155:04 |
| I. Gen: S. K. Penden 0 3.21 2.825 0 120 2.460 0.66 1.260 2.800 0 663 1.260 2.800 0 663 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.800 0 693 2.900 2.9 | I. Gan. S. K. Pendum 0 3.211 2.821 0 100 173 2.92 0 1326 0 66 0 | | Level III Level | II Level 1 | 1000 | | Public School | Public Utilities | Level III | Level II | 396 (1) C (2) C | HH Flush | HH Pour Flush | Public School | Public Utilities |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | 2 | 8 | | 1 | 342 | 0 | 6,840 | 17,869 | 0 | 462 | 464 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | · · | | | | 18 | 41 | 51 | 0 | 1,026 | 2,680 | 0 | 69 | 70 | 0 |
| | | 3 Price Contingency (10% of 1 & 2) | <u> </u> | - | | 14 | 31 | 39 | 0 | 787 | 2,055 | 0 | 53 | 53 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 4.Total Direct Cost | 1 | 3 | | 152 | 343 | 433 | 0 | 8,653 | 22,604 | 0 | 585 | 587 | 0 |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | 1 | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 5. Indirect Cost | | | | | 1 | , (, | | | | ¢ | ŝ | : | c |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 6. Feasibility Study/DD (9% of 4) | | - | 0 | 14 | 31 | 39 | 0 | 6/1 | 2,034 | 0 0 | <u>у</u> | <u>у</u> | |
| 8. Training(35) and 135/for when it. Trund) 0 123 107 33 107 103 2.713 0 146 9. Total Indirect Cost 0 6.64 577 0 24 35 6.61 2.1133 5.651 0 146 9. Total Indirect Cost 0 4.741 4.145 0 177 398 500 0 2.133 5.551 0 7.31 10. Total Project Cost 0 0 0 0 0 0 0 0 3.633 0 2.733 0 2.73 10. Total Project Cost 0 0 0 0 0 0 0 0 3.633 0 2.733 0 2.73 0 2.73 11. Total Project Cost 0 0 0 0 0 0 0 0 3.633 0 2.73 0 2.73 11. Total Project Cost 0 0 0 0 0 0 0 0 2.73 0 2.73 12. Total Intert Cost 0 0 | 8. Training/Stand 12% for whom & trend) 0 123 107 33 103 2713 0 703 273 0 703 273 0 703 703 9. Total infinest Cast 0 654 372 0 744 4,453 0 743 0 703 233 213 0 731 734 1. Containing/Stand Total 0 744 4,453 0 743 0 733 0 731 734 1. Containent Cast 0 0 0 0 0 0 0 0 0 0 731 734 0 733 231 <td>7 Construction Supervision(4% of 4)</td> <td></td> <td></td> <td>0</td> <td>6</td> <td>]4</td> <td>17</td> <td>0</td> <td>346</td> <td>904</td> <td>0</td> <td>23</td> <td>23</td> <td>0</td> | 7 Construction Supervision(4% of 4) | | | 0 | 6 |]4 | 17 | 0 | 346 | 904 | 0 | 23 | 23 | 0 |
| g Total indirect Cast 0 64 572 0 24 55 60 24 561 0 146 10 Tradi Project Cost 0 74 $4,45$ 0 177 398 502 0 2335 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 236 0 2343 0 2343 0 2343 0 2343 0 236 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 2343 0 | 9 Tade indirect Cast 0 634 572 0 24 55 651 0 146 147 10 Total indirect Cast 0 4741 4155 0 177 398 502 0 0281 0 271 273 271 273 1 1 0 0 0 0 0 0 0 2731 273 271 2731 1 7 1 0 0 0 0 0 0 2314 0 251 20 2314 0 271 231 1 7 1 0 0 0 0 0 0 0 2334 0 271 231 | 8. Training(3% and 12% for urban & rural) | | | 0 | 5 | 10 | 13 | 0 | 1,038 | 2,713 | 0 | 70 | 70 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | Intendentingen Intendentingent | 9. Total indirect Cost | | | 0 | 24 | 55 | 69 | 0 | 2,163 | 5,651 | 0 | 146 | 147 | 0 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | • | | 000 | | | 10.01 | 220.00 | | 731 | 101 | |
| 1. Guindhingan 0 0 0 0 0 0 0 0 0 0 0 0 2348 0 235 235 235 235 < | 1 0 | 10.Total Project Cost | + | 4 | > | 11 | 040 | 700 | > | 10,010 | LU2'07 | > | 10/ | +01 | |
| 1. Protecontingency (15% of (1)) 0 0 0 0 0 0 0 0 3.43 0 3.33 3. Prise Contingency (15% of (1)) 0 0 0 0 0 0 0 3.43 0 27 3. Prise Contingency (15% of (1)) 0 0 0 0 0 0 3.43 0 3.43 0 27 5. Freasibility Study(D) 0 0 0 0 0 0 0 3.448 0 376 5. Freasibility Study(D) 0 0 0 0 0 0 0 3.448 0 376 6. Training(3% of 1) 0 0 0 0 0 0 0 0 3.448 0 376 7 10. Training(3% of 1) 0 0 0 0 0 0 0 125 0 125 8. Training(3% of 1) 0 3.43 0 0 0 | 1. Protection 0 | | | | 0 | | C | C | 0 | C | 30.288 | c | 234 | 1.475 | 342 |
| Topstead contingency (Tseq) (1 & 2) 0 0 0 0 0 0 0 235 0 275 A Total Direct Cost 0 0 0 0 0 0 0 38,314 0 236 5 Indirect Cost 0 0 0 0 0 0 0 38,314 0 236 6 Feasibility Study(DD (9%of 1, & 2)) 0 0 0 0 0 0 0 38,314 0 236 7 Construction Supervision (9%of 1, & 2) 0 0 0 0 0 0 0 38,314 0 236 7 Construction Supervision (9%of 1, & 2) 0 0 0 0 0 0 0 38,314 0 236 7 construction Supervision (9%of 1, 2) 0 0 0 0 0 0 0 37,33 0 262 10. Total Project Cost 0 0 0 0 0 0 0 | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | | | | | [°] |) c | , o | | A 542 | 2 | 35 | 100 | 15 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 2. Physiscal Contingency (17% of 1)) | > c | | | | | <i>, c</i> | ò | 0 | 3 483 | 0 | 22 | 170 | 39 |
| n from Direct Cost n | n from threet cost n | . Trice contingency (10/00) 1 (2 - 2) | | | | | | , c | | 0 | 38 314 | 0 | 206 | 1 866 | 433 |
| S. Indirect Cost | S. Indirect Coart S. Inditet Coart S. Inditet Coart | 4.1 Otal Direct Cost | > | | | | | | | > | | | | | |
| 6. Feasibility Study/DD (9% of 4) 0 0 0 0 0 0 0 0 3.448 0 1233 0 123 7 Construction Supervision(4% of 4) 0 0 0 0 0 0 0 0 36 0 123 0 123 7 Construction Supervision(4% of 4) 0 0 0 0 0 0 0 0 36 0 123 36 9. Total Project Cost 0 0 0 0 0 0 0 36 37 0 37 0 370 370 10. Total Project Cost 0 3,548 617 0 60 163 312 37 0 313 0 373 0 370 370 370 370 370 370 370 370 370 370 370 370 373 0 373 0 373 370 373 370 370 < | 6 Facility Study(DD (9% 0 4)) 0 | 5. Indirect Cost | | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 6. Feasibility Study/DD (9% of 4) | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 3,448 | 0 | 27 | 168 | 39 |
| 8. Training(3% and 12%)or whan & rural) 0 0 0 0 0 0 0 0 0 0 36 9. Total indirect Cost 0 0 0 0 0 0 0 0 0 36 0 36 9. Total indirect Cost 0 0 0 0 0 0 0 9.579 0 370 10. Total Project Cost 0 0 0 0 0 0 0 0 9.579 0 370 11. Tabuntalan 0 33 617 0 60 1084 342 0 0 2.737 0 370 2. Physical Contingency (15% of 1) 0 332 93 0 0 0 0 0 3.132 0 332 3. Price Contingency (15% of 1, $\&$ 2) 0 4.488 780 0 71 433 0 0 3.455 0 3.32 3. Price Contingency (10% of 1, $\&$ 2) 0 4.488 780 0 7.123 333 0 0 | 8. Training(3% and 12% for urban & rural) 0 0 0 0 0 0 0 0 0 36 234 9. Total indirect Cost 0 0 0 0 0 0 0 0 36 234 467 9. Total indirect Cost 0 0 0 0 0 0 0 9.579 0 74 467 10.Total indirect Cost 0 0 0 0 0 0 0 9.579 0 71 0 233 303 1. Kaluntalan 2. Physical Contingency (13% of 1) 0 3.348 617 0 0 0 0 0 2.32 30 2.33 30 0 2.435 0 2.43 2.33 2. Physical Contingency (10% of 1.& 2) 0 3.435 0 0 3.435 0 2.445 0 3.75 0 3.75 0 3.75 0 3.75 0 3.75 0 3.75 0 3.75 0 3.75 0 3.75 0 0 < | 7 Construction Supervision(4% of 4) | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,533 | 0 | 12 | 75 | 17 |
| 9. Total Indirect Cost 0 <t< td=""><td>9. Total indirect Cost 0</td></t<> <td>8. Training(3% and 12% for urban & rural)</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>4,598</td> <td>0</td> <td>36</td> <td>224</td> <td>52</td> | 9. Total indirect Cost 0 | 8. Training(3% and 12% for urban & rural) | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 4,598 | 0 | 36 | 224 | 52 |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 9. Total indirect Cost | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 9,579 | 0 | 74 | 467 | 108 |
| i. Kabuntalan 0 $3,548$ 617 0 60 $1,084$ 342 0 0 $2,7,237$ 0 262 $2. Physiscal Contingency(15% of 1)$ 0 $3,32$ 93 0 9 163 51 0 0 $4,986$ 0 392 $3. Price Contingency(10% of 1 & 2)$ 0 $4,08$ 71 0 7 123 39 0 0 $3,132$ 0 332 $3. Price Contingency(10% of 1 & 2)$ 0 $4,38$ 780 0 7 123 39 0 0 $3,1455$ 0 332 $4.7 Jaid Direct Cost$ 0 $4,488$ 780 0 7 123 39 0 0 $3,1455$ 0 332 $5. Indirect Cost$ 0 $4,488$ 780 0 7 123 0 0 $1,372$ 0 310 0 310 0 0 $1,378$ 0 0 $1,378$ 0 0 $1,378$ | I. Kabumtalan 0 $3,548$ 617 0 60 $1, 084$ 342 0 0 $2,7,237$ 0 262 $2,023$ $2. Physiccal Contingency(15% of 1)$ 0 532 93 0 9 163 51 0 0 $27,237$ 0 293 333 $3. Price Contingency(15% of 1)$ 0 448 71 0 7 123 916 0 $27,337$ 0 39 333 333 333 333 333 333 333 333 333 333 332 333 332 3333 | 10 Total Project Cast | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 47,893 | 0 | 370 | 2,333 | 541 |
| I. Kabuntalan 0 $3,548$ 617 0 60 1,084 342 0 0 $27,237$ 0 262 2. Physical Contingency($15\% of(1)$) 0 532 93 0 9 163 51 0 $4,086$ 0 332 3. Prize Contingency($15\% of(1)$) 0 $4,88$ 71 0 7 125 39 0 0 $3,455$ 0 332 3. Frice Contingency($10\% of(1, \&, 2)$) 0 $4,488$ 780 0 75 $1,371$ 433 0 $3,455$ 0 332 4. Total Direct Cost 0 $4,488$ 780 0 75 $1,371$ 433 0 $3,455$ 0 332 4. Total Direct Cost 0 $4,04$ 70 0 7 $1,33$ 0 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 $3,455$ 0 0 $1,35$ 0 | 1. Kabumtalan 0 $3,548$ 617 0 60 $1,064$ 342 0 0 $27,237$ 0 262 $2,023$ 303 | | | _ | | | | | | | | - | | | |
| 2. Physical Contingency($15\% of(1)$) 0 532 93 0 6 0 4,036 0 332 0 3. Frice Contingency($10\% of(1 \& 2)$) 0 408 71 0 7 125 33 0 0 3,132 0 332 4. Total Direct Cost 0 4,488 780 0 75 1,371 433 0 0 3,455 0 332 0 5. Indirect Cost 0 4,488 780 0 75 1,371 433 0 0 3,455 0 332 0 332 0 332 0 332 0 332 0 332 0 332 0 332 0 332 0 0 0 34,455 0 332 0 0 0 34,455 0 332 0 0 0 34,455 0 332 0 0 0 0 13 0 0 0 13 0 0 0 13 0 0 0 13 0 0 | 2. Physiscal Contingency(136 of 1) 0 532 93 0 9 163 51 0 0 4,086 0 39 303 3. Frice Contingency(136 of 1 & 2) 0 408 71 0 7 125 39 0 0 3,132 0 332 2,359 3. Frice Contingency (10% of 1 & 2) 0 $4,488$ 780 0 73 1,371 433 0 0 3,455 0 332 2,539 5. Indirect Cost 0 4,48 70 0 7 123 39 0 0 3,455 0 332 2,539 5. Indirect Cost 0 404 70 0 7 123 39 0 0 3101 0 332 2,539 6. Fonsthilty Study/DD (9% of 4) 0 180 31 0 0 0 34,455 0 307 303 8. Training(3% and 12% of when $\& rural) 0 180 3 3 3 3 3 3 3 3 3 3 $ | | | | | 60 | 1,084 | 342 | 0 | 0 | 27,237 | 0 | 262 | 2,023 | 0 |
| 3. Price Contingency (10% of 1 & 2) 0 408 71 0 7 125 39 0 0 3,132 0 30 30 30 31 | 3. Price Contingency (10% of 1 & 2) 0 408 71 0 7.12 39 0 0 3,132 0 30 233 4. Total Direct Cost 0 4,488 780 0 75 1,371 433 0 0 3,455 0 332 2,559 5. Indirect Cost 0 404 70 0 7 123 39 0 0 3,455 0 332 2,559 5. Indirect Cost 0 404 70 0 7 123 39 0 0 3,455 0 332 230 <t< td=""><td>· · · ·</td><td></td><td></td><td></td><td>9</td><td>163</td><td>51</td><td>0</td><td>0</td><td>4,086</td><td>0</td><td>39</td><td>303</td><td>0</td></t<> | · · · · | | | | 9 | 163 | 51 | 0 | 0 | 4,086 | 0 | 39 | 303 | 0 |
| 4. Total Direct Cost 0 $4,488$ 780 0 75 $1,371$ 433 0 0 $34,455$ 0 332 5. Indirect Cost 5. Indirect Cost 6 6 7 123 33 0 0 $34,455$ 0 332 1 6. Feasibility Study/DD (9% of 4) 0 180 31 0 7 123 39 0 0 1,378 0 30 13 7 Construction Supervision(4% of 4) 0 180 31 0 3 31 0 3 13 13 7 Construction Supervision(4% of 4) 0 180 31 0 2 41 13 0 0 4,137 0 40 13 9. Total indirect Cost 0 7 12 219 69 0 0 4,135 0 40 13 13 9. Total indirect Cost 0 5,206 905 0 8,614 0 13 13 13 13 13 13 14 15 14 15 | 4. Total Direct Cost 0 4,488 780 0 75 1,371 433 0 0 34,455 0 332 2,559 5. Indirect Cost 5. Indirect Cost 0 44 70 0 7 123 39 0 0 31,61 0 332 2,30 6. Feasibility Study/DD (9% of 4) 0 404 70 0 7 123 39 0 0 3,101 0 30 230 7 Construction Supervision(4% of 4) 0 180 7 123 39 0 0 1,378 0 30 230 7 Total indirect Cost 0 180 7 123 39 0 0 0 133 102 9. Total indirect Cost 0 718 123 0 12 219 69 0 0 310 0 30 440 310 102 102 102 102 102 102 102 102 102 102 102 102 102 102 102 10 | 3. Price Contingency (10% of 1 & 2) | | | | 7 | 125 | 39 | 0 | 0 | 3,132 | 0 | 30 | 233 | 0 |
| 5. Indirect Cost 5. Indirect Cost 6. Feasibility Study(DD (9% of 4)) 0 404 70 0 7 123 39 0 0 3,101 0 30 13 7. Construction Supervision(4% of 4) 0 180 31 0 7 123 39 0 0 1,378 0 130 7. Construction Supervision(4% of 4) 0 135 23 0 2 41 13 0 0 1,378 0 40 8. Training(3% and 12% for urban & rural) 0 135 23 0 12 219 69 0 0 4,135 0 40 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 10.Total Project Cost 0 5,206 905 0 87 1,591 502 0 415 0 415 9. Total indirect Cost 0 5,206 905 0 8,614 0 415 0 415 10.Total Project Cost <td< td=""><td>5. Indirect Cost 5. Indirect Cost 6. Feasibility Study/DD (9% of 4) 0 404 70 0 7 123 39 0 0 3.101 0 30 130 230 6. Feasibility Study/DD (9% of 4) 0 180 31 0 7 123 39 0 0 1,378 0 13 230 7 Construction Supervision(4% of 4) 0 180 31 0 2 41 13 0 0 1,378 0 102 102 9. Training(3% and 12% for urban & rural) 0 718 125 0 12 219 69 0 0 8,614 0 83 640 9. Total indirect Cost 0 5,219 69 0 0 0 8,614 0 83 640 10. Total Project Cost 0 5,219 0 61 0 61 61 3,199 640 640 640 640 640 640 640 640 640 640 640 640 640 640 640 64</td><td>4. Total Direct Cost</td><td></td><td></td><td></td><td>75</td><td><i>I,371</i></td><td>433</td><td>0</td><td>0</td><td>34,455</td><td>0</td><td>332</td><td>2,559</td><td>0</td></td<> | 5. Indirect Cost 5. Indirect Cost 6. Feasibility Study/DD (9% of 4) 0 404 70 0 7 123 39 0 0 3.101 0 30 130 230 6. Feasibility Study/DD (9% of 4) 0 180 31 0 7 123 39 0 0 1,378 0 13 230 7 Construction Supervision(4% of 4) 0 180 31 0 2 41 13 0 0 1,378 0 102 102 9. Training(3% and 12% for urban & rural) 0 718 125 0 12 219 69 0 0 8,614 0 83 640 9. Total indirect Cost 0 5,219 69 0 0 0 8,614 0 83 640 10. Total Project Cost 0 5,219 0 61 0 61 61 3,199 640 640 640 640 640 640 640 640 640 640 640 640 640 640 640 64 | 4. Total Direct Cost | | | | 75 | <i>I,371</i> | 433 | 0 | 0 | 34,455 | 0 | 332 | 2,559 | 0 |
| T mutuation Construction Supervision(4% of 4) 0 404 70 0 7 123 39 0 0 3.101 0 30 13 6. Feasibility Study/DD (9% of 4) 0 180 31 0 3 55 17 0 0 1.378 0 13 7 Construction Supervision(4% of 4) 0 180 31 0 3 55 17 0 0 1.378 0 13 30 13 7 Construction Supervision(4% of 4) 0 135 23 0 2 41 13 0 4 13 0 4 13 0 13 0 4 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 0 13 | T murror Construction Supervision (4% of 4) 0 404 70 0 7 123 39 0 0 3,101 0 30 230 230 6. Feasibility StudyIDD (9% of 4) 0 180 31 0 3 55 17 0 0 13 230 230 7 Construction Supervision(4% of 4) 0 135 23 0 2 41 13 0 0 1,378 0 40 307 102 8. Training(3% and 12% for urban & rural) 0 718 125 0 12 219 69 0 0 4,135 0 40 307 9. Total indirect Cost 0 5,216 905 0 87 1,591 502 0 415 3,199 9. Total Project Cost 0 5,2206 905 0 8,514 0 415 3,199 10. Total Project Cost 0 5,2206 905 0 6,31 0 415 3,199 | 5 Indiront Cost | | | | | | | | | | | | | |
| 7 Construction Supervision(4% of 4) 0 180 31 0 3 55 17 0 0 1,378 0 1 7 Construction Supervision(4% of 4) 0 135 23 0 2 41 13 0 0 4,135 0 40 40 8. Training(3% and 12% for urban & rural) 0 718 125 0 12 219 69 0 0 8,614 0 83 9. Total indirect Cost 0 718 125 0 87 1,591 502 0 69 0 8,614 0 83 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 0 43,069 0 415 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 0 415 15 | 7 Construction Supervision(4% of 4) 0 180 31 0 3 55 17 0 0 1,378 0 13 102 7 Construction Supervision(4% of 4) 0 135 23 0 2 41 13 0 40 307 8. Training(3% and 12% for urban & rural) 0 718 125 0 12 219 69 0 4,135 0 40 307 9. Total indirect Cost 0 718 125 0 12 219 69 0 640 83 640 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 | 6. Forsihility Study/DD (9% of 4) | | | | 2 | 123 | 39 | 0 | 0 | 3,101 | 0 | 30 | 230 | 0 |
| 8. Training(3% and 12% for urban & rural) 0 135 23 0 2 41 13 0 0 4,135 0 40 9. Total indirect Cost 0 718 125 0 12 219 69 0 0 8,614 0 83 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 | 8. Training(3% and 12% for urban & rural) 0 135 23 0 2 41 13 0 4,135 0 40 307 9. Total indirect Cost 0 718 125 0 12 219 69 0 8,614 0 83 640 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 | 7 Construction Supervision(4% of 4) | <u> </u> | | | 3 | 55 | 17 | 0 | 0 | 1,378 | 0 | 13 | 102 | 0 |
| 9. Total indirect Cost 0 718 125 0 12 219 69 0 8,614 0 83 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 | 9. Total indirect Cost 0 718 125 0 12 219 69 0 8,614 0 83 640 9. Total indirect Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 10. Total Project Cost 0 5,206 905 0 87 1,591 502 0 0 43,069 0 415 3,199 | | | | <u> </u> | 2 | 41 | 13 | 0 | 0 | 4,135 | 0 | 40 | 307 | 0 |
| 10. Total Project Cost 0 0 5,206 905 0 87 1,591 502 0 43,069 0 415 10. Total Project Cost 0 0 43,069 0 415 0 10. Total Project Cost 0 0 10 10 10 10 10 10 10 10 10 10 10 10 | 10.Total Project Cost 0 5,206 905 0 87 1,591 502 0 43,069 0 415 3,199 | | | | | 12 | 219 | 69 | 0 | 0 | 8,614 | 0 | 83 | 640 | 0 |
| | | 10 Total Provisor Cost | | | | 87 | 1.591 | 502 | 0 | 0 | 43.069 | 0 | 415 | 3.199 | 0 |
| | | 10.10111110000 | | | _ | | | | | | | | | | |
| | | | | | | C | | | | | | | | | |
| | | 9 02 | | | | フ | | | | | | | | |) |

| L | Appendix Table 9.3. 4 Total Investment Costs (P x 1,000)- breakdown -Phase I | s (P x 1,000 | - breakd | own -Phase | I | | | | | | | | | | |
|----|--|--------------|--------------|------------|-------------|-------------------|------------|------------|---------------------------------|--------------|---------|------------|--|------------|-------------|
| | | | | | | | Phase | : I (2005- | Phase I (2005-2010) Requirement | uirement | | | | | |
| | Minimitia. | | | | Urban Area | | | |] | | | Rural Area | | | |
| _ | INTUINCIPALITY | ~ | Water Supply | <u>VIV</u> | | Sani | Sanitation | | | Water Supply | | | Part and a second s | Sanitation | 生活があるとないが、 |
| | | Level III | Lovel II | Level J | HH Fluck | HHI-Pour Educt | Public | Public | Level | I Level II | Level 1 | HH | HH Pour | 1 | Public |
| - | 13 I. Mamasapano | С | C | 846 | U IIIII | 2 IISUIT | 100100 | | | | | Flus | Flush | ŝ | Utilities |
| | 2. Physiscal Contingency(15% of 1)) | | ° c | 5to | | - - | 1/7 | 24c | _ | 5,1/4 | 14,638 | 0 | 105 | 541 | 0 |
| | 3 Price Continueum (1002 of 1.2.3) | > < | 5 | 171 | 0 | ~ ` | 41 | 51 | 0 | 566 | 2,196 | 0 | 16 | 81 | 0 |
| | 4 Total Direast Cost | 5 | 0 | 1.620 . | 0 | | 31 | 39 | 0 | 434 | 1,683 | 0 | 12 | 62 | 0 |
| | T.1. VIAL DI CCI COSI | 5 | 0 | 1,070 | 0 | 0 | 343 | 433 | 0 | 4,775 | 18,517 | 0 | 133 | 685 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 96 | 0 | | 37 | 30 | 0 | 430 | 1 447 | - | 2 | | |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 43 | 0 | 0 | 14 | 11 | | 101 | 182 | | 71 | 70 | |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 32 | 0 | 0 | 10 | 13 | 0 | 573 | 222 | | 7 | 17 | 2 0 |
| | 9. Total indirect Cost | 0 | 0 | 121 | 0 | 1 | 55 | 69 | 0 | 1,194 | 4,629 | 0 | 33 | 121 | 20 |
| | 10.Total Project Cost | 0 | 0 | 1.242 | 0 | 7 | 308 | 502 | 0 | 5 058 | 781 66 | | | | |
| | | | | | | | | | | 00/12 | 041.62 | | 007 | 000 | 0 |
| 41 | | 0 | 0 | 0 | 0 | 26 | 271 | 342 | С | 6,325 | 7.752 | C | 167 | PLC L | C |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 4 | 41 | 51 | 0 | 646 | 1.163 | 0 | 25 | 485 | > 0 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 3 | 31 | 39 | 0 | 727 | 892 | 0 | 61 | 372 | 0 |
| | 4.10tal Direct Cost | 0 | 0 | 0 | 0 | 33 | 343 | 433 | 0 | 8,001 | 9,807 | 0 | 212 | 4 002 | |
| | 5. Indirect Cost | 4 | | | ł | | | | | | | : | | | > |
| _ | 6. Fearihility Study/DD (0% of A) | | | | C | | | | | | | | | | |
| | 7 Construction Summission (100, 17) | > < | 5 | » (| 2 | با دیر | 31 | 39 | 0 | 720 | 883 | 0 | 19 | 368 | 0 |
| | 8 Training 202 and 1907 for which a 10 | 5 | > < | » (| 5 | | 14 | 17 | 0 | 320 | 392 | 0 | ∞. | 164 | 0 |
| | 9. Total indirect Cost | | 5 | 0 | 5 | ~ | 10 | 13 | 0 | 960 | 1,177 | 0 | 25 | 164 | 0 |
| _ | | 5 | 5 | 0 | 5 | 5 | 55 | 69 | 0 | 2,000 | 2,452 | 0 | 53 | 1,023 | 0 |
| | 10.Total Project Cost | 0 | 0 | 0 | 0 | 38 | 398 | 502 | 0 | 10,001 | 12,258 | 0 | 264 | 5,114 | 0 |
| 15 | | 0 | 0 | 0 | 0 | 0 | 0 | C | 18 618 | C | 31 188 | 507 | 0110 | 1 210 | 4 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,793 | 0 | 4.678 | 70 | 67 | 1,417 | 242 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,141 | 0 | 3.587 | 19 | 52 | 071 | 30 |
| | 4. Iolal Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23,551 | 0 | 39,453 | 667 | 567 | 1.542 | 433 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 1 20 | | 2 551 | 00 | | 001 | |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 942 | 0 | 1.578 | 00 | 73 | 139 | 39 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,826 | 0 | 4.734 | 80 | C3 83 | 185 | 11 |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,888 | 0 | 9,863 | 167 | 142 | 385 | 108 |
| | 10.Total Project Cost | 0 | 0 | 0 | | | | | 00, 00 | | | | | | , , , |
| | | > | | 5 | 5 | 5 | 0 | 0 | 29,439 | 0 | 49,316 | 834 | 708 | 1,927 | 541 |
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| Appendix Table 9.3. 4 Total Investment Costs (P x 1,000) - breakdown -Phase I | hase I | |
|---|------------|---|
| Appendix Table 9.3. 4 Total Investment Costs (P x 1,000)- breakd | d- nwo | |
| Appendix Table 9.3. 4 Total Investment Costs (P x 1,000). | · breakd | |
| Appendix Table 9.3. 4 Total Investment Costs (P x | (1,000)- | |
| Appendix Table 9.3. 4 Total Investment Cos | sts (P x | |
| Appendix Table 9.3. 4 Total Investme | ent Cos | |
| Appendix Table 9.3. 4 Total I | nvestme | |
| Appendix Table 9.3. | 4 Total I | |
| Appendix 7 | Table 9.3. | |
| | Appendix 7 | - |

| | | | | | | | Phase I (2005-2010) Requirement | (2005-20 | 10) Requi | rement | | | | | |
|--------|---|-----------|--------------|----------|-------------|------------------|---------------------------------|---------------------|-----------|--------------|---------|-------------|------------------|------------------|---------------------|
| | £ | | | 5 | Urban Area | | | | | | | Rural Area | | | ł |
| | Municipality | W: | Water Supply | <u> </u> | | Sanit | Sanitation | | | Water Supply | oly | | Sani | | |
| | | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| 2 | / Pacalimean | 16,009 | 0 | 1,396 | 1,942 | 1 | 271 | 342 | 0 | 0 | 32,530 | 0 | 1,008 | 854 | 0 |
| 2 | | 2,401 | 0 | 209 | 291 | 8 | 41 | 51 | 0 | 0 | 4,880 | 0 | 151 | 128 | 0 |
| | 3 Price Contingency (10% of 1 & 2) | 1,841 | 0 | 191 | 223 | 6 | 31 | 39 | 0 | 0 | 3,741 | 0 | 116 | 98 | 0 |
| | 4. Total Direct Cost | 20,251 | 0 | 1,766 | 2,456 | 63 | 343 | 433 | 0 | 0 | 41,151 | 0 | 1,275 | 1,080 | 0 |
| | 6 F. Jane Cont | | | | | | | | | | | | | | |
| | D. Indirect Cost 6 Eggesthilth: Study/DD (0% of 4) | 1.823 | 0 | 159 | 221 | 6 | 31 | 39 | 0 | 0 | 3,704 | 0 | 115 | 97 | 0 |
| | 7 Construction Supervision(4% of 4) | 810 | 0 | 71 | 98 | 3 | 14 | 17 | 0 | 0 | 1,646 | 0 | 51 | 43 | 0 |
| | 8 Troining 3% and 12% for urban & rural) | 608 | 0 | 53 | 74 | 2 | 01 | 13 | 0 | 0 | 4,938 | 0 | 153 | 130 | 0 |
| | 9. Total indirect Cost | 3,240 | 0 | 282 | 393 | 01 | 55 | 69 | 0 | 0 | 10,288 | 0 | 319 | 270 | 0 |
| | 10. Total Project Cost | 23,492 | 0 | 2,048 | 2,849 | 74 | 398 | 502 | 0 | 0 | 51,438 | 0 | 1,594 | 1,351 | 0 |
| | | | | | | | | | | | | | | | |
| 12 | / 1. Paglat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,078 | 0 | 57 | 271 | 342 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,062 | 0 | 6 | 41 | 51 |
| _ | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 814 | 0 | ~ | 3/ | 39 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,954 | 0 | 73 | 343 | 433 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | | | | | | | | | | 100 | | | - | 20 |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <u>,</u> | 800 | <u>،</u> د | <u>`</u> | 2 | <u>ک</u> : |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0: | 0 | 358 | 0 | ~ · | 14 | 11 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,074 | 0 | 6 | 41 | 52 |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,239 | 0 | 18 | 86 | 108 |
| | 10 Total Durisort Post | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,193 | 0 | 16 | 429 | 541 |
| | 10.1.01411110.004 | | | | | | | | | | | | | | |
| /8 | 8 1. Parang | 15,413 | 2,421 | 56,817 | 2,128 | 164 | 542 | 342 | 0 | 0 | 87,047 | 657 | 311 | 550 | |
| | | 2,312 | 363 | 8,522 | 319 | 25 | 81 | 51 | 0 | 0 | 13,057 | 98 | 47 | 82 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 1,773 | 278 | 6,534 | 245 | 61 | 62 | 39 | 0 | 0 | 10,010 | 76 | 36 | 63 | 5 |
| | 4. Total Direct Cost | 19,498 | 3,063 | 71,873 | 2,692 | 208 | 686 | 433 | 0 | 0 | 110,114 | 831 | 393 | 696 | 0 |
| | 5 Tudiward Cont | | | | | | | | _ | | | | | | |
| | 5. Huurett Cost K Fansihility Study/DD (0% of 4) | 1.755 | 276 | 6.469 | 242 | 61 | 62 | 39 | 0 | 0 | 9,910 | 75 | 35 | 63 | 0 |
| | 7 Construction Sumervision(4% of 4) | 780 | 123 | 2.875 | 108 | 8 | 27 | | 0 | 0 | 4,405 | 33 | 16 | 28 | 0 |
| | 8 Trainino(3% and 12% for urban & rural) | 585 | 92 | 2,156 | 81 | 6 | 21 | 13 | 0 | 0 | 13,214 | 100 | 47 | 83 | 0 |
| | 9. Total indirect Cost | 3,120 | 490 | 11,500 | 431 | 33 | 011 | 69 | 0 | 0 | 27,529 | 208 | 98 | 174 | 0 |
| | 10 Total Protent Cost | 22.618 | 3.553 | 83.373 | 3.123 | 241 | 795 | 502 | 0 | 0 | 137,643 | 1,038 | 492 | 869 | 0 |
| | 10.10mir. tuyen voor | | | | | | | | | | | | | | |
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| Table 9.3. | |
| Appendix | |
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|---|------------|--------------|---------|------------|-------------|------------|-----------|-------------|--------------|-----------|------------|------------|------------|-----------|
| | | | | Urban Arca | | | | | | | Pural Aran | | | |
| Municipality | Ň | Water Supply | | | | Sanitation | | | Water Supply | | | | Canifation | |
| | Level III | Level II | Level 1 | HH | HH Pour | 0.992,0443 | Public | of aval ITI | | T could I | HH | HH Pour | Public | Public |
| 10 1 Shariff Acush | arrest and | < | | Flush | Flush | School | Utilities | 0000 | 00004.111 | T ISAST I | Flush | Flush | School | Utilities |
| | | >¦< | 038 | - | 0 | 0 | 342 | 12,544 | 3,073 | 18,333 | 1,677 | 422 | 405 | 0 |
| 2. Diversional Contingency (1.2% of 1)) | 7 | 0 | 0 | | 0 | 0 | 51 | 1,882 | 461 | 2,750 | 252 | 63 | 19 | 0 |
| 5. Frice Contingency (10% of 1 & 2) | | 0 | 0 | 170 | 0 | 0 | 39 | 1,443 | 353 | 2,108 | 193 | 49 | 47 | |
| 4.1 otal Direct Cost | 6 | 0 | 0 | 1,872 | 0 | 0 | 433 | 15,868 | 3,888 | 23,191 | 2,122 | 534 | 513 | 0 |
| 5. Indirect Cost | | | | | | | | | | | | | | |
| 6. Feasibility Study/DD (9% of 4) | | 0 | 0 | 160 | 0 | 0 | 30 | 0671 | 250 | | | | | |
| 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 75 | 0 | | 12 | - 1,440 | 251 | 100'7 | 191 | 48 | 40 | 0 |
| 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 56 | 0 | 0 | 13 | 1 904 | 297 | 783 | 536 | 17 | 17 | 00 |
| 9. Total indirect Cost | I | 0 | 0 | 300 | 0 | 0 | 69 | 3.967 | 526 | 5 708 | 530 | 133 | 70 | 5 |
| 10 Terri Busical Card | | | | | | | | | | n//// | | | 071 | > |
| 10.10141119661 0031 | | 0 | 0 | 2,172 | 0 | 0 | 502 | 19,835 | 4,860 | 28,989 | 2,652 | 667 | 641 | 0 |
| 20 I. South Upi | 15.297 | 0 | 11.100 | 1 200 | * 61 | C | 517 | | | | - | | | |
| 2. Physiscal Contingency(15% of 1)) | 2,295 | 0 | 1,665 | 180 | 50 | 0 | 51 | 0 | 0 | 10,01 | | 430 | 362 | 0, |
| cy (10% of 1 & 2) | | 0 | 1,276 | 138 | 7 | 0 | 30 | 0 | [°] | 27017 | | * | +0 | 5 (|
| 4. Total Direct Cost | 19,351 | 0 | 14,041 | 1,518 | 27 | 0 | 433 | 0 | 0 | 99.721 | | 247 544 | 42 | |
| | | | | | | | | | | | | | 0.64 | > |
| 5. Frasibility Study/DD (9% of 4) | CF2 1 | , , | 1761 | 137 | r | | | . | | | | | | |
| 7 Construction Supervision(4% of 4) | 7271 | 0 | 407'I | 101 | ~ ~ | 0 | 25 | | 0 | 8,975 | 0 | 49 | 41 | 0 |
| 8. Training(3% and 12% for urban & mual) | 581 | | 107 | 5 | <u>،</u> ار | \$ ° | | | 2 | 3,989 | 0 | 22 | 18 | 0 |
| 9. Total indirect Cost | 100 2 | | 174 | 40 | 7 | 0 | 13 | 0 | 0 | 11,966 | 0 | 65 | 55 | 0 |
| | nkn'c | > | 2,241 | 243 | 12 | 0 | 69 | 0 | 0 | 24,930 | 0 | 136 | 115 | 0 |
| 10. Total Project Cost | 22,447 | 0 | 16,288 | 1,761 | 89 | 0 | 502 | 0 | 0 | 124,651 | 0 | 680 | 573 | 0 |
| 21 1. Sultan Kudarat | - | | 517 | | | | 010 | | | | | | | |
| 2. Physiscal Contingency (15% of 1)) | > 0 | | 710 | 1,100 | > < | > | 342 | 7,068 | 1,284 | 53,724 | 4,159 | 829 | 1,797 | 0 |
| 3. Price Contingency (10% of 1 & 2) | 0 | | 0,05 | 107 | | 5 | 10 | 001,1 | 193 | 8,059 | 624 | 124 | 270 | 0 |
| 4. Total Direct Cost | | | 124 | 1 205 | 5 | | 2 | 200 | 148 | 6,178 | 478 | 95 | 207 | 0 |
| | > | \$ | +00 | 0461 | > | 2 | 453 | 101'6 | 1,625 | 67,961 | 5,261 | 1,049 | 2,273 | 0 |
| 5. Indirect Cost | | | | | | | | | | | | | | |
| 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 59 | 126 | 0 | 0 | 39 | 873 | 146 | 6117 | 473 | 10 | 205 | |
| / Construction Supervision(4% of 4) | 0 | 0 | 26 | 56 | 0* | * 0* | × 17 | 388 | 65 | 2.718 | 210 | 67 | 10 | |
| 6. Iraining(5% and 12% for urban & rural) | 0 | 0 | 20 | 42 | 0 | 0 | 13 | 1,164 | 195 | 8.155 | 631 | 126 | 273 | |
| y. 10tat matreet Cost | 0 | 0 | 105 | 223 | 0 | 0 | 69 | 2,425 | 406 | 16,990 | 1,315 | 262 | 568 | 0 |
| 10. Total Project Cost | 0 | 0 | 759 | 1,619 | 0 | 0 | 502 | 12,126 | 2,031 | 84,952 | 6.576 | 1311 | 110 0 | |
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Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| | | | | | | | Phase | Phase I (2005-2010) Requirement | 10) Requi | rement | | | | | |
|----------------|--|---------------------|--------------|---------|-------------|---------------------|--|---------------------------------|-----------|--------------|---------|------------|------------------|-----------------------|---------------------|
| | | | | | Urban Area | | | | | | H | Rural Area | | | |
| | Municipality | Wa | Water Supply | | | Sanitation | ation | | | Water Supply | | | San! | Sanitation Sanitation | |
| | | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public | Public Utilities | Level III | Level II | Level I | HH | HH Pour Flush | Public School | Public Utilities |
| 22 | 1. Sultan Mastura | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,681 | 16,517 | 0 | 307 | 522 | 342 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 402 | 2,478 | 0 | 46 | 78 | 51 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 308 | 1,899 | 0 | 35 | 60 | 39 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,391 | 20,894 | 0 | 389 | 660 | 433 |
| | 5. Indirect Cost | | | - | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 305 | 1,880 | 0 | 35 | 59 | 39 |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 836 | 0 | 16 | 26 | 17 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 407 | 2,507 | 0 | 47 | 79 | 52 |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 848 | 5,223 | 0 | 26 | 165 | 108 |
| | 10.Total Project Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,239 | 26,117 | 0 | 486 | 825 | 541 |
| | | | | | | | | | | | | | | | |
| 23 | | 0 | 3,831 | 767 | 0 | 183 | 813 | 342 | 0 | 0 | 33,479 | 0 | 1,028 | 1,277 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 575 | | 0 | 27 | 122 | 51 | 0 | 0 | 5,022 | 0 | 154 | 192 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | <i>[°]</i> | 441 | 88 | » د | 17 | y3 ' 222 | 55 | 0 |) ¢ | 3,850 | 0 | 118 | 147 | 0 |
| | 4. Total Direct Cost | 0 | 4,840 | 970 | 0 | . 232 | 1,028 | 433 | 0 | 0 | 42,351 | 0 | 1,301 | 1,615 | 0 |
| | 5. Indirect Cost | | | | | | - And a second | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 436 | 87 | 0 | 21 | 93 | 39 | 0 | 0 | 3,812 | 0 | 117 | 145 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 194 | 39 | 0 | 9 | 41 | 17 | 0 | 0 | 1,694 | 0 | 52 | 65 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 145 | 29 | 0 | 7 | 31 | 13 | 0 | 0 | 5,082 | 0 | 156 | 194 | 0 |
| | 9. Total indirect Cost | 0 | 775 | 155 | 0 | 37 | 165 | 69 | 0 | 0 | 10,588 | 0 | 325 | 404 | 0 |
| | 10. Total Project Cost | 0 | 5,622 | 1,125 | 0 | 269 | 1,193 | 502 | 0 | 0 | 52,938 | 0 | 1,626 | 2,019 | 0 |
| | | | | | | | | | | | | | | | |
| 7 7 | 1. Ialayan 2 Physiscol Contingency (15% of 1) | - 0 - 0 | 30% | 217 | | 10 | 1/7 | 542 51 | | 1,230 | 20,583 | | 067 | 860 | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 305 | 166 | 0 | 7 | 31 | 39 | 0 | 144 | 3.034 | 0 | 34 | 66 | 0 |
| | 4. Total Direct Cost | 0 | 3,352 | 1,827 | 0 | 77 | 343 | 433 | 0 | 1,589 | 33,374 | 0 | 374 | 1,088 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 302 | 164 | 0 | 7 | 31 | 39 | 0 | 143 | 3,004 | 0 | 34 | 98 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 134 | 73 | 0 | æ | | 17 | 0 | 64 | 1,335 | 0 | 15 | 44 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 101 | 55 | 0 | 2 | 10 | 13 | 0 | 161 | 4,005 | 0 | 45 | 131 | 0 |
| | 9. Total indirect Cost | 0 | 536 | 292 | 0 | 12 | 55 | 69 | 0 | 397 | 8,344 | 0 | 93 | 272 | 0 |
| | 10 Total Project Cost | 0 | 3,889 | 2,120 | 0 | 89 | 398 | 502 | 0 | 1,987 | 41,718 | 0 | 467 | 1,360 | 0 |
| | | | _ | | | | | | | | | | | | |
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Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| - breakdown -Phase I | |
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| Table | Í |
| Appendix | |

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| · . | | | | | | | Phase | I (2005-2 | Phase I (2005-2010) Requirement | irement | | | | | |
|-----|---|-----------|--------------------|--------------|------------|----------|------------|-----------|---------------------------------|---------------------------------------|--|------------|--------|---|-------------------|
| | | | | | Urban Arca | | | | | | . – | Rural Arca | | | |
| | Municipality | | Water Supply | <u>)</u> | | 🐑 🖓 Sani | Sanitation | | | Water Supply | S. S | 2005 | | Sanitation | |
| | | | | | HH | HH Pour | | @Pithlic@ | | | | | | 1 20 | 88 0 .4112 |
| | | Level III | Level III Level II | Level 1 | Flush | Flush | Section 2 | CONSTR. | Level III | Level II | Level I | Fluch | Elneh | Cohool | Thilitian |
| 1 | 25 /. Talitay | 0 | 0 | ~0~sg | 0 | 0 | 0 | C | C | c | 33 180 | | SVV | | 347 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |) o | | 4 07R | | C++ | 4,0/0 | 242 |
| _ | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , 0 | , o | 3 817 | 0 | 15 | 770 | 20 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41.983 | | 563 | 5 1 50 | 433 |
| | | | | | | | 1 | | | · · · · · · · · · · · · · · · · · · · | | | | 1010 | , , |
| | D. Indirect Cost | | | | | | | | | | | • | · · | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | t i |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,779 | 0 | 51 | 464 | 39 |
| | / Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,679 | 0 | 23 | 206 | 17 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.038 | 0 | 89 | 610 | |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,496 | 0 | 141 | 1,290 | 108 |
| | 10. Total Project Cost | 0 | 0 | | ¢ | C | < | < | < | (| | | | | |
| | | | > | 5 | > | 5 | » | 2 | 0 | 0 | 52,479 | 0 | 704 | 6,449 | 541 |
| 26 | - | 14,097 | 0 | 0 | 0 | 43 | 271 | 342 | 0 | 0 | 49,458 | 0 | 406 | 1 796 | C |
| | 2. Physiscal Contingency(15% of 1)) | 2,114 | 0 | 0 | 0 | 9 | 4] | 51 | 0 | 0 | 7,419 | 0 | 19 | 260 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 1,621 | 0 | 0 | 0 | 5 | 31 | 39 | 0 | 0 | 5.688 | 0 | 44 | 202 | 0 |
| | 4. Total Direct Cost | 17,832 | 0 | 0 | 0 | 55 | 343 | 433 | 0 | 0 | 62,564 | 0 | 5/3 | 2,272 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 1,605 | 0 | 0 | 0 | 5 | 31 | 39 | 0 | 0 | 5.631 | 0 | УF | <i>PUC</i> | C |
| | 7 Construction Supervision(4% of 4) | 713 | 0 | 0 | 0 | 2 | 14 | 17 | 0 | 0 | 2.503 | 0 | 21 | 107 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 535 | 0 | 0 | 0 | 2 | 10 | 13 | 0 | 0 | 7,508 | 0 | 62 | 273 | 0 |
| | 9. Total indirect Cost | 2,853 | 0 | 0 | 0 | Q | 55 | 69 | 0 | 0 | 15,641 | 0 | 128 | 568 | 0 |
| | 10.Total Project Cost | 20,685 | 0 | 0 | 0 | 63 | 398 | 502 | 0 | 0 | 78.205 | 0 | 679 | 2 830 | 0 |
| | Provicial Total | 154,058 | 51,764 | 128,685 | 14,747 | 1,589 | 8,924 | 9.535 | 96.075 | 84.377 | 1.434.120 | 16.008 | 16.251 | K8 356 | 2 702 |
| | | | 11 | | | | | | | 1 | 07761.0264 | 10,000 | 104,01 | 00000 | 00/,6 |

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|--|--|--|-----------|--------------|---------|------------|------------------|------------------|---------------------|--------------|----------------------------------|---------|------------|------|---------|---------------------|--|
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | Urban Area | | | | | | | Rural Area | | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | Municipality | 'n | fater Supply | × | - | Sanit | tation | | | Water Supl | ۶ly | | Sani | itation | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | | | Public Utilities | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | F | Ampatuan | 0 | 1,576 | 727 | 0 | 103 | 271 | 342 | 15,952 | 6,401 | 33,527 | 609 | 427 | 301 | 0 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 10 | Physiscal Contingency(15% of 1)) | 0 | 236 | 601 | 0 | 15 | 41 | 51 | 2,393 | 960 | 5,029 | 16 | 64 | 45 | 0 | |
| | 1 00 | Price Contingency (10% of 1 & 2) | 0 | 181 | 84 | 0 | 12 | 31 | 39 | 1,835 | 736 | 3,856 | 70 | 49 | 35 | 0 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 4 | .Total Direct Cost | 0 | 1,993 | 919 | 0 | 130 | 343 | 433 | 20,180 | 8,097 | 42,412 | 111 | 540 | 380 | 0 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | <u>~!</u> ~ | i, Indirect Cost Foreihility Study/DD /0% of 4) | 0 | 179 | 83 | 0 | 12 | 31 | 39 | 1.816 | 729 | 3,817 | 69 | 49 | 34 | 0 | |
| 3. Traning (756 out (126, 6) under d. rang.) 0 32 12 $2,242$ 922 65 46 $9.$ Traning (756 out (126, 6) 0 319 147 0 31 32 $2,212$ 1001 339 93 | 2 | 1. I customery Duray D. (170 9.1) | 0 | 80 | 37 | 0 | 5 | 14 | 17 | 807 | 324 | 1,696 | 31 | 22 | 15 | 0 | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | ~ ~ | Training (3% and 12% for urban & rural) | 0 | 60 | 28 | 0 | 4 | 10 | 13 | 2,422 | 972 | 5,089 | 92 | 65 | 46 | 0 | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 101 | . Total indirect Cost | 0 | 319 | 147 | 0 | 21 | 55 | 69 | 5,045 | 2,024 | 10,603 | 193 | 135 | 95 | 0 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | <u> </u> | 0.Total Project Cost | 0 | 2,312 | 1,067 | 0 | 151 | 398 | 502 | 25,225 | 10,121 | 53,015 | 963 | 675 | 476 | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | · | 1. Barita | 0 | 196 | 0 | 0 | 104 | 271 | 342 | | 346 | 28,205 | | 279 | | | |
| 3. Price Contingency (10% of 1 & 2) 0 110 0 12 31 33 43 3244 0 32 26 4. Total Direct Cost 0 12/15 0 13/1 343 43 35,079 0 33 26 5. Friee Contingency (10% of 1 0 12/15 0 12/15 0 12/15 0 13/1 24 1 0 33 26 34 28 26 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 26 26 26 26 26 26 26 26 | | 7. Physiscal Contingency(15% of 1)) | 0 | 144 | 0 | 0 | 16 | 41 | 51 | 0 | . 52 | 4,231 | 0 | 42 | 34 | - | |
| 4. Total Direct Cost 0 $1,215$ 0 $1,215$ 0 $1,31$ $3,36,79$ 0 $35,679$ 0 $35,679$ 0 $35,679$ 204 204 5. Inducet Cost $ -$ <td< td=""><td><u>1</u> m</td><td>3. Price Contingency (10% of 1 & 2)</td><td>0</td><td>110</td><td>0</td><td>0</td><td>12</td><td>31</td><td>39</td><td>0</td><td>40</td><td>3,244</td><td>0</td><td>32</td><td>26</td><td></td></td<> | <u>1</u> m | 3. Price Contingency (10% of 1 & 2) | 0 | 110 | 0 | 0 | 12 | 31 | 39 | 0 | 40 | 3,244 | 0 | 32 | 26 | | |
| | 1 4 | 4. Total Direct Cost | 0 | 1,215 | 0 | 0 | 181 | 343 | 433 | 0 | 438 | 35,679 | 0 | 354 | 284 | _ | |
| 6 Feasibility Study/DD (9% of 4) 0 100 0 12 31 32 321 0 33 1 32 26 32 26 33 | 143 | 5. Indirect Cost | | - | | | | | | | | | | | | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | <u>, </u> | 5. Feasibility Study/DD (9% of 4) | 0 | 109 | 0 | 0 | 12 | 31 | 39 | 0 | 39 | 3,211 | 0 | 32 | 26 | | |
| 8. Training(3% and 12% for urban & rural) 0 36 0 0 4 10 13 0 53 4.281 0 42 34 9. Total indirect Cost 0 194 0 21 35 69 0 19 8.220 0 44.399 0 44.399 0 44.3 | | 7 Construction Supervision(4% of 4) | 0 | 49 | 0 | 0 | 2 | 14 | 17 | 0 | 18 | 1,427 | 0 | 14 | 11 | _ | |
| 9. Total Indirect Cost01940021556901008,92008871410. Total Indirect Cost01,41000152338502064.599044.599044.599044.599044.599044.599044.599044.599044.599044.599044.599044.599044.599044.599044.599066.7382.33052.382.310.4023.323.3021.433.319.91067.930066951010.987.382.310.4010.310.4010.310.4010.4 | 1-2 | 8. Training(3% and 12% for urban & rural) | 0 | 36 | 0 | 0 | 4 | 10 | 13 | 0 | 53 | 4,281 | | 42 | 34 | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 1~1 | 9. Total indirect Cost | 0 | 194 | 0 | 0 | 71 | 55 | 69 | 0 | 109 | 8,920 | | 88 | 12 | | |
| I. Buldon $I.$ Buldon 0 $1,80$ 2.594 0 139 271 342 $16,794$ 0 $53,700$ 0 572 8 $2.$ Physiscal Contingency($15% of 1$) 0 284 389 0 21 41 51 $2,519$ 0 $8,055$ 0 86 1 $3.$ Price Contingency($10% of 1$ & 2) 0 217 298 0 176 343 433 $21,245$ 0 $6,175$ 0 66 $4.$ Total Direct Cost 0 $2,391$ $3,282$ 0 176 343 433 $21,245$ 0 $6,174$ 0 66 10 $5.$ Indirect Cost 0 $2,391$ $3,282$ 0 176 343 433 $21,245$ 0 $6,174$ 0 66 10 $5.$ Indirect Cost 0 $2,391$ $3,282$ 0 166 31 39 $21,245$ 0 $6,114$ 0 $67,930$ 0 66 10 $5.$ Indirect Cost 0 216 343 $21,245$ 0 $6,114$ 0 273 10 $6.$ Facastbility StudyDD (9% of 4) 0 216 31 32 $21,245$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 $6,114$ 0 0 10 10 10 < | <u> </u> | 10. Total Project Cost | 0 | 1,410 | 0 | 0 | 152 | 398 | 502 | 0 | 547 | 44.599 | | 442 | 355 | | |
| 2. Physiccal Contingency(15% of 1)) 0 284 389 0 21 41 51 2.519 0 8.055 0 865 1 3 . Price Contingency(10% of 1 & 2) 0 217 298 0 166 31 39 $1,931$ 0 $6,073$ 0 66 3 . Price Contingency(10% of 1 & 2) 0 2.391 3.282 0 176 343 433 $21,245$ 0 $6,073$ 0 66 4 . Total Direct Cost 0 2.391 3.282 0 176 343 433 $21,245$ 0 $6,7930$ 0 723 $1,0$ 5 . Indirect Cost 0 2.15 0 176 343 433 $21,245$ 0 $6,114$ 0 273 $1,0$ 5 . Indirect Cost 0 215 295 0 16 31 39 $1,912$ 0 $6,114$ 0 $6,114$ 6 . Feasibility Study/DD (9% of 4) 0 215 295 0 16 31 17 350 0 $6,114$ 0 $6,114$ 0 $6,114$ 6 . Feasibility Study/DD (9% of 4) 0 72 98 0 16 112 10 10 128 0 $6,114$ 0 $6,114$ 0 $6,114$ 6 . Feasibility Study/DD (9% of 4) 0 213 295 0 236 0 $2,174$ $2,29$ 0 $2,124$ 0 $2,124$ 0 $6,124$ 0 <td></td> <td>1. Buldon</td> <td>0</td> <td>1,890</td> <td></td> <td></td> <td>139</td> <td>271</td> <td>342</td> <td><u> </u></td> <td></td> <td>53,700</td> <td></td> <td>572</td> <td></td> <td></td> | | 1. Buldon | 0 | 1,890 | | | 139 | 271 | 342 | <u> </u> | | 53,700 | | 572 | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 2. Physiscal Contingency(15% of 1)) | 0 | 284 | 389 | | 21 | 41 | 51 | 2,519 | - | 8,055 | | 86 | | | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | 1.1 | 3. Price Contingency (10% of 1 & 2) | 0 | 217 | 298 | 0 | 16 | 3/ | 39 | | | 6,175 | | 66 | | | |
| udy/DD (9% of 4)021529501631391.91206.114065Supervision(4% of 4)09613107141785002.717029Supervision(4% of 4)072980510132.54908.152029and 12% for urban & rural)0729802855695.31108.1520871t Cost02.7743.80702859505.311016,98301812t Cost02.7743.80707.043985022.6.55608.491309041.3 | <u> </u> | 4. Total Direct Cost | 0 | 2,391 | 3,282 | 0 | 176 | 343 | 433 | 21,245 | | 67,930 | | 723 | | | |
| udy/DD (9% of 4) 0 215 295 0 16 31 39 1,912 0 6,114 0 65 Supervision(4% of 4) 0 96 131 0 7 14 17 850 0 6,114 0 65 Supervision(4% of 4) 0 72 98 0 5 10 13 2,549 0 8,152 0 87 1 and 12% for whan & rural) 0 383 525 0 28 5,311 0 8,152 0 87 1 Cost 0 2,74 3,807 0 28 5,311 0 16/93 0 181 2 t Cost 0 2,774 3,807 0 28 502 26,556 0 8,4913 0 164 1,3 | 1-3 | 5. Indirect Cost | | | | | | | | | | | | | | 1 | |
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 6. Feasibility Study/DD (9% of 4) | 0 | 215 | 295 | 0 | 16 | 31 | 39 | | 1 | 6,114 | | 65 | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 7 Construction Supervision(4% of 4) | 0 | 96 | 131 | | 2 | 14 | - 17 | | | 2,717 | | 29 | | | |
| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | 8. Training(3% and 12% for urban & rural) | 0 | 72 | 98 | | S | 10 | 13 | | | 8,152 | | - 87 | | 0 | |
| 0 2,774 3,807 0 204 398 502 26,556 0 84,913 0 904 1 | 1 | 9. Total indirect Cost | 0 | 383 | - 525 | 0 | . 28 | . <u>5</u> 5 | 69 | | 0 | 16,983 | · | 181 | | | |
| | | 10.Total Project Cost | 0 | 2,774 | 3,807 | | 204 | 398 | 502 | <u> </u> | | 84,913 | t | 904 | | | |
| | | | | | | | | | | | | ŀ | | | | | |

Comprehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao 6.

| 4 1. Bultuan 4 2. Physiscal Contingency(15% of 1)) 3. Price Contingency (10% of 1 & 2) | | | | | | Pha | 1se II (2010 | Phase II (2010-2015) Requirement | litement | | | | | |
|--|-----------|--------------|---------|------------|-------------------|------------------|-------------------|----------------------------------|--------------|---------|------------|-------|------------|-----------|
| <u>, cilw</u> | • | | | Urban Area | | | | have (| | | | | | |
| - 101 m | | 11 | | | | | | _ | | | Rural Arca | | | |
| - 101 m | | water Supply | Å. | | Sani | Sanitation | | | Water Supply | ıply | | San | Sanitation | |
| - <u> ~</u> [m] | Level III | Level II | Level I | HH Flush | HH Pour Flirsh | Public School | Public Tistica | Level III | Level II | Level I | HH Flush | HH F | | Public |
| 2. Physiscal Contingency(15% of 1)) 3. Price Contingency (10% of 1 & 2) | 5.874 | C | | 2001 | | | | 1 | | | | Flush | School | Utilities |
| 3. Price Contingency (10% of 1 & 2) | 881 | | | (77,1 | > < | -) (| 342 | 5,380 | 0 | 18,711 | 0 | 475 | 11 | 0 |
| | 100 | 5 | - | 184 | 0 | 0 | 51 | 807 | 0 | 2,807 | 0 | 12 | 1 | |
| 4. Total Direct Cost | 10/0 | > < | > ° | 141 | 0 | 0 | 39 | 619 | 0 | 2,152 | 0 | 55 | | |
| | 1641 | 2 | 0 | 1,550 | 0 | 0 | 433 | 6,805 | 0 | 23,670 | 0 | 109 | 13 | |
| 5. Indirect Cost | | | | | - | | | | | | | | 2 | |
| 6. Feasibility Study/DD (9% of 4) | 640 | V | | 061 | (| | | | | | | | | |
| 7 Construction Supervision(4% of 4) | 200 | | 5 | 159 | 0 | 0 | 39 | 612 | 0 | 2,130 | 0 | 54 | | 0 |
| 8. Training(3% and 12% for urban & rural) | 127 | | 5 | 20 | 0 | 0 | 17 | 272 | 0 | 947 | 0 | 24 | | |
| 9. Total indirect Cost | 0011 | 2 | 5 | 40 | 0 | 0 | /3 | 817 | 0 | 2,840 | 0 | 72 | 2 | 0 |
| | x07'7 | 2 | 5 | 248 | 0 | 0 | 69 | 1,701 | 0 | 5,917 | 0 | 150 | ~ | 0 |
| 10.Total Project Cost | 8.620 | 0 | 0 | 1 709 | | 0 | | | | | | | | ° |
| | | | | 1,170 | > | 2 | 70C | 8,507 | 0 | 29,587 | 0 | 751 | 17 | 0 |
| 5 1. Datu Odin Sinsuat | 0 | 1.024 | 813 | 1 357 | עצ | - | | | | | | | | |
| 2. Physiscal Contingency(15% of 1)) | 0 | 154 | 122 | 200 | 3 | 1/7 | 542 | | 3,674 | 91,426 | 2,893 | 930 | 1,317 | 0 |
| 3. Price Contingency (10% of 1 & 2) | | 011 | 771 | CN7 | 07 | 41 | 5/ | 0 | 551 | 13,714 | 434 | 140 | 197 | 0 |
| 4. Total Direct Cost |) C | 1 206 | 1000 | (C) | | 75 | 39 | 0 | 423 | 10,514 | 333 | 107 | 151 | 0 |
| | | (17.1 | 070'1 | 1'/10 | 82 | 343 | 433 | 0 | 4,648 | 115,654 | 3,660 | 1.177 | 1.666 | 0 |
| 5. Indirect Cost | | | | | | | | | | | | | | |
| 6. Feasibility Study/DD (9% of 4) | 0 | 117 | 03 | 151 | - | 16 | ç | | | | | | _ | |
| 7 Construction Supervision(4% of 4) | 0 | 6 | | 107 | 、。 | 2 | 95 | 0 | 418 | 10,409 | 329 | 106 | 150 | 0 |
| 8. Training(3% and 12% for urban & rural) | 0 | 30 | 12 | 07 | ~ (| 4 | 12 | 0 | 186 | 4,626 | 146 | 47 | 67 | 0 |
| 9. Total indirect Cost | , 0 | 202 | 10 | 16 | 7 : | 01 | 13 | 0 | 558 | 13,878 | 439 | 141 | 200 | 0 |
| | | 174 | 607 | 4/7 | 5 | ŝ | 69 | 0 | 1,162 | 28,913 | 915 | 294 | 416 | 0 |
| 10.10tal Project Cost | 0 | 1.503 | 1,193 | 1,984 | 95 | 398 | 502 | 0 | 5 810 | 144 667 | 141 | | | |
| | | | | | | | | > | 010'0 | 100,441 | C/C'+ | 1,471 | 2,082 | 0 |
| | 0 | 729 | 291 | 0 | 55 | 271 | 342 | 0 | 338 | 13 181 | | 100 | | |
| 2 D Conungency(13% of 1)) | 0 | 109 | 44 | 0 | 8 | 4] | 51 | 0 | 15 | 2 5 7 2 | | C74 | 197 | 0 |
| 3. Frice Contingency (10% of 1 & 2) | 0 | 84 | 33 | 0 | 0 | 31 | 39 | , e | ; © | 102 6 | | 64 | 42 | 0 |
| 4.10tal Direct Cost | 0 | 923 | 368 | 0 | 02 | 343 | 433 | , 0 | 170 | 10/ 2 | > | 49 | 32 | 0 |
| 5 Indiana Cast | | | | | | | | <u> </u> | - 074 | \$7.100 | | 537 | 356 | 0 |
| 5. Indirect Cost | | | | : | - | 1 | | | | | | - | - | |
| $\frac{0. \ reasion in y}{7}$ | 0 | 83 | 33 | 0 | 0 | 31 | 39 | 0 | 30 | N74 | | - | | |
| Construction Supervision (4% of 4) | 0 | 37 | 15 | 0 | ÷ | 14 | 17 | - 0 | 17 | 1 1 2 2 | 2 5 | 40 | 25 | 0 |
| o. 11anung(5% and 12% for urban & rural) | 0 | 28 | 11 | 0 | 7 | 10 | 13 | . 0 | | 2 2 2 2 | - · · | 17 | 4 | 0 |
| y. 101al mairect Cost | 0 | 148 | 59 | 0 | - 11 | 55 | 69 | | 107 | | > < | 04 | 43 | 0 |
| 10 Total Project Cost | | | | | | | | , , | | 1,44/ | 5 | 134 | 80 | 0 |
| 1.0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1 | 0 | 1,070 | 427 | 0 | 81 | 398 | 502 | 0 | 535 | 37 135 | | ~~~ | | |

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| | Appendix Table 9.3. 4 Total Investment Costs (F X 1,000)- Dreakuown | (F X 1,000) | - DI CANU | 0 1/1 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ 1/ | -Phase II | | Phas | Phase II (2010-2015) Requirement | 015) Reaui | rement | | | | | |
|---|---|-------------|--------------|---|------------|------------------|------------------|----------------------------------|------------|--------------|-----------|------------|------------------|------------------|---------------------|
| | | | | | Urban Arca | | | | | | | Rural Arca | | | |
| | Municipality | M | Water Supply | | | Sanitation | ation | | | Water Supply | Ŋ | | Sani | Sanitation | |
| | • • | Level III | Level II | Level 1 | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | l lova, l | 1111 Flush | HH Pour Plush | Public School | Public Utilities |
| ~ | / Datu Piano | 001.9 | 0 | 0 | 252 | 0 | 0 | 342 | 0 | 0 | 27,957 | 0 | 93 | 167 | 0 |
| < | 7. Dunieral Contingencul [5% of []) | 915 | 0 | 0 | 38 | 0 | 0 | 51 | 0 | 0 | 4,194 | 0 | 14 | 25 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 701 | 0 | 0 | 29 | 0 | 0 | 39 | 0 | 0 | 3.215 | 0 | 11 | 61 | 0 |
| | 4. Total Direct Cost | 2,716 | 0 | 0 | 319 | | 0 | 433 | 0 | 0 | 35,365 | 0 | 118 | 212 | 0 |
| | 5 Indirect Cost | | | | | | | | | | | | | | |
| | 6 Forsihility Study/DD (9% of 4) | 694 | 0 | 0 | 29 | 0 | 0 | 39 | 0 | 0 | 3,183 | 0 | П | 19 | 0 |
| | 7 Construction Supervision(4% of 4) | 309 | 0 | 0 | 13 | 0 | 0 | 17 | 0 | 0 | 1,415 | 0 | 5 | 8 | 0 |
| | 8 Trainino(3% and 12% for urban & rural) | 231 | 0 | 0 | 10 | 0 | 0 | 13 | 0 | 0 | 4,244 | 0 | 14 | 25 | 0 |
| | 9. Total indirect Cost | 1,235 | 0 | 0 | 51 | 0 | 0 | 69 | 0 | 0 | 8,841 | 0 | 30 | 53 | 0 |
| | | | 1 | < | 270 | | 0 | 503 | ď | c | 200 77 | 0 | 148 | 265 | 0 |
| | 10.Total Project Cost | 166,8 | 0 | 5 | 3/0 | > | 5 | 700 | | > | 107'11 | | | | |
| c | / Dati Saudi | C | c | c | 0 | 0 | 0 | 0 | 0 | 624 | 26,383 | 0 | 133 | 167 | 342 |
| 0 | 1. Datu Jauni 2 Physicsof Contingencul [5% of []) | ° O | <u> </u> | 0 | 0 | 0 | 0 | 0 | 0 | 94 | 3,957 | 0 | 20 | 25 | 51 |
| | 2. Price Continuency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 3,034 | 0 | 15 | 19 | 39 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 789 | 33,374 | 0 | 168 | 212 | 433 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | , | • | | < | | | • | - | 11 | PUU 2 | 0 | 15 | 6/ | 39 |
| | 6. Feasibility Study/DD (9% of 4) | > . | 。 • | 5 | | | 5 | | | 62 | 1 225 | | - | | 17 |
| | 7 Construction Supervision (4% of 4) | 0 | <u> </u> | | 0 | 0 | 0 | 0 | 0 | 95 | 4,005 | | 20 | 25 | 52 |
| | 8. Iraining(5% and 12%) for urban & rural) 0 Total indiract Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 197 | 8,343 | 0 | 42 | 53 | 108 |
| | 7. 10141 mun ect 0031 | | | | | | | | | 200 | 616.18 | | 010 | 296 | 175 |
| | 10.Total Project Cost | 0 | 0 | 2 | | > | 5 | 5 | 5 | 002 | 11/14 | > | | | |
| 0 | / Dati Unsav | 0 | 0 | Ó | 0 | 0 | 0 | 0 | 0 | 557 | 10,134 | 0 | | 0 | 342 |
| \ | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 1,520 | 0 | 52 | 0 | 51 |
| | 3 Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 1,165 | 0 | 40 | 0 | 39 |
| | 4.Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 704 | 12,820 | 0 | 435 | 0 | 433 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost <u> </u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 1,154 | 0 | 39 | 0 | 39 |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | ;0 | 0 | 0 | 0 | 0 | 0 | 28 | 513 | | | 0 | 17 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 1,538 | | | 0 | 52 |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 176 | 3,205 | 0 | 601 | 0 | 108 |
| | 10 Total Profest Cost | 0 | 0 | 0 | 0 | 0. // | 0 | 0 | 0 | 880 | 16,025 | 0 | 544 | 0 | THE STATE |
| Ů | | 1 | | | | | | | | | | | | | \$ |

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| | | | | | | | Pha | Phase II (2010-2015) Requirement | 2015) Requ | irement | | | | | |
|--|--|-----------|--------------|------------|------------|------------------|------------------|----------------------------------|------------|--------------|----------------|------------|------------------|------------------|--------------------|
| | :: | | | | Urban Area | в | | | | | | Rural Area | | | |
| | Municipality | | Water Supply | ıly | | Sani | Sanitation | | | Water Supply | ly | | Sani | Sanitation | |
| ľ | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Fluch | Public School | Public Heliefoe |
| 07 | 1. Gen. S. K. Pendatun | 0 | 948 | 3,163 | 0 | 177 | 0 | 342 | 0 | 2,007 | 18,963 | 0 | (8) | 374 | |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 142 | 474 | 0 | 27 | 0 | 51 | 0 | 301 | 2,844 | 0 | 102 | 56 | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 109 | 364 | 0 | 20 | 0 | 39 | 0 | 231 | 2,181 | 0 | 78 | £\$ | 0 |
| | 4.1 of al Direct Cost | 0 | 661'1 | 4,001 | 0 | 224 | 0 | 433 | 0 | 2,539 | 23,988 | 0 | 862 | | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| í. | 6. Feasibility Study/DD (9% of 4) | 0 | 108 | 360 | 0 | 20 | 0 | 39 | 0 | 229 | 2,159 | 0 | 78 | 43 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 48 | 160 | 0 | 9 | 0 | 17 | 0 | 102 | 960 | 0 | 34 | 61 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 36 | 120 | 0 | 7 | 0 | 13 | 0 | 305 | 2,879 | 0 | 103 | 57 | 0 |
| · | 9. Total indirect Cost | 0 | 192 | 640 | 0 | 36 | 0 | 69 | 0 | 635 | 5,997 | 0 | 215 | 118 | 0 |
| | 10.Total Project Cost | 0 | 1,391 | 4,641 | 0 | 260 | 0 | 502 | 0 | 3,174 | 29,985 | 0 | 1,077 | 591 | 0 |
| - 11 | I. Guindulungan | 0 | C | | | | | | | | 01276 | | | | |
| <u>. </u> | 2. Physiscal Contingency [5% of [)) | | 0 | | , , | | | | > (| | 010,40 | | 400 | 411 | 342 |
| <u></u> | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 00 | 00 | 0 | 00 | 5,177 2.060 | 0 | 09 | 62 | 12 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 13 666 | | 0.4 | /+ | 20 5 |
| | | | | | | | | , | > | | 000.01 | > | 000 | 070 | CC4 |
| -1 | 3. Indirect Cost | | | | | | | | | | | | | | |
| ~!` | 0. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,929 | 0 | 46 | 47 | 39 |
| -1- | / Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,746 | 0 | 20 | 21 | 17 |
| ~1~ | 0. Iraining(3%0 and 12%0 for urban & rural) 0. Total indiant Cont | ő | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,239 | 0 | 61 | 62 | 52 |
| <u>. </u> | 2. 10tul mutrect Cost | <i>o</i> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,914 | 0 | 126 | 130 | 108 |
| | 10.Total Project Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,570 | 0 | 632 | 650 | 541 |
| 12 | 1. Kabuntalan | | 1 256 | 1 205 | | 201 | 150 | 0,0 | | | | | | | |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 1881 | 701 10V | | 001 | 1/7 | 242 | ⊃ ¢ | ວຸເ | 29,024 | 0 | 494 | 544 | 0 |
| 1.00 | 3. Price Contingency (10% of 1 & 2) | 0 | 144 | 150 | 0 | 101 | 31 | 30 | | | 4,534 | o (| /4 | 82 | 0 |
| 14 | 4. Total Direct Cost | 0 | 1,589 | 1,651 | 0 | 134 | 343 | 433 | 0 | 00 | 36 716 | 20 | 70 | 20 202 | 0 |
| 101 | 5. Indirect Cost | | 4 | | | | | | | | | | | | 5 ⁻ |
| 0 10 | 0. Feasibility Study/DD (9% of 4) | 0 | 143 | 149 | 0 | 12 | 3/ | 39 | 0 | 0 | 3,304 | 0 | 56 | 62 | 0 |
| <u>> </u> | / CONSTRUCTION Supervision(4% of 4) | 0 | 64 | 99 | 0 | S | 14 | 17 | 0 | 0 | 1,469 | 0 | 25 | 28 | 0 |
| 010 | 0. 11 uning(5% and 12%) for urban & rural) | 0 | 48 | 50 | - 0 | 4 | - 10 | | 0 | 0 | 4,406 | 0 | 75 | 83 | 0 |
| <u> </u> | y. Joint matrect Cost | 0 | 254 | 264 | 0 | 21 | 55 | 69 | 0 | 0 | 9,179 | 0 | 156 | 172 | 0 |
| <u> </u> | 10.Total Project Cost | 0 | 1,843 | 1,915 | 0 | 155 | 398 | 502 | 0 | 0 | 45.895 | 0 | 182 | 020 | q |
| | | | | | | | | | | | | | | 000 | |

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| | | | | | | | Pha | se II (2010- | Phase II (2010-2015) Requirement | irement | | | | | |
|----|---|-----------|--------------|---------|------------|------------------|------------------|---------------------|----------------------------------|--------------|---------|------------|------------------|------------------|---------------------|
| | | | | | Urban Area | | | | | | - | Rural Area | | | |
| | Municipality | - | Water Supply | Y | | Sanit | Sanitation | | | Water Supply | ly | | Sanit | Sanitation | |
| | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| 13 | 1. Mamasapano | 0 | 0 | 852 | 0 | 12 | 0 | 342 | 0 | 978 | 14,831 | 0 | 263 | 126 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 128 | 0 | 2 | 0 | 51 | 0 | 147 | 2,225 | 0 | 39 | 61 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 98 | 0 | I | 0 | 39 | 0 | 112 | 1,706 | 0 | 30 |]4 | 0 |
| | 4. Total Direct Cost | 0 | 0 | 1,077 | 0 | 15 | 0 | 433 | 0 | 1,237 | 18,761 | 0 | 333 | 159 | |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 97 | 0 | I | 0 | 39 | 0 | 111 | 1,689 | 0 | 30 |]4 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 43 | 0 | 1 | 0 | 17 | 0 | 49 | 750 | 0 | 13 | 6 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 32 | 0 | 0 | 0 | 13 | 0 | 148 | 2,251 | 0 | 40 | 61 | 0 |
| | 9. Total indirect Cost | | 0 | 172 | 0 | 2 | 0 | 69 | 0 | 309 | 4,690 | 0 | 83 | 40 | 0 |
| | 10 Total Project Cost | 0 | 0 | 1.250 | 0 | 17 | 0 | 502 | 0 | 1 546 | 23 451 | 0 | 416 | 100 | 0 |
| | | | | | | | | | | | | | | | |
| 14 | I. Matanog | 0 | 0 | 3,447 | 0 | 53 | 0 | 342 | 0 | 2,091 | 13,318 | | 332 | 599 | 0 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 517 | 0 | 8 | 0 | 51 | 0 | 314 | 1,998 | 0 | ; | 90 | 0 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 396 | 0 | 6 | 0 | 39 | 0 | 240 | 1,532 | 0 | 38 | 69 | 0 |
| | 4. Total Direct Cost | 0 | 0 | 4,361 | 0 | 67 | 0 | 433 | 0 | 2,645 | 16,847 | 0 | 420 | 758 | 0 |
| | 5. Indirect Cost | | | | | | 1 | | • | | | | | 5 | ! |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 392 | 0 | 6 | 0 | 39 | 0 | 238 | 1,516 | 0 | 38 | 68 | 0 |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 174 | 0 | 3 | 0 | 17 | 0 | 106 | 674 | 0 | 17 | 30 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 131 | 0 | 2 | 0 | . 13 | 0 | 317 | 2,022 | 0 | 50 | 91 | 0 |
| | 9. Total indirect Cost | 0 | 0 | 698 | 0 | 11 | 0 | 69 | 0 | <i>661</i> | 4,212 | 0 | 105 | 190 | 0 |
| | 10.Total Project Cost | 0 | 0 | 5,058 | 0 | 78 | 0 | 502 | 0 | 3,306 | 21,058 | 0 | 525 | 948 | 0 |
| 15 | / Pagagawan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,006 | 0 | 36,093 | 896 | 788 | 704 | 342 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,501 | 0 | 5,414 | 134 | 118 | 106 | 51 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,151 | 0 | 4,151 | 103 | 16 | 81 | 39 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,658 | 0 | 45,657 | 1,134 | 997 | 891 | 433 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,139 | 0 | 4,109 | 102 | 90 | 80 | 39 |
| | 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 0 | 0 | 0 | 506 | 0 | 1,826 | 45 | 40 | 36 | 17 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - 1,519 | 0 | 5,479 | 136 | 120 | 107 | 52 |
| | 9. Total indirect Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,165 | 0 | 11,414 | 283 | 249 | 223 | 108 |

Page 20 of 24

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1,826 5,479 11,414 57,072

3,165

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10. Total Project Cost Total indirect Cost

| _ | | | | | | | Pha | se II (2010- | Phase II (2010-2015) Requirement | irement | | | | | |
|----------|--|-----------|--------------|---------|------------|------------------|------------------|---------------------|----------------------------------|--------------|----------|------------|----------------------------|----------|--------|
| | : | | | | Urban Arca | в | | | | | | Rural Arca | | | |
| | Municipality | | Water Supply | ly | | Sanit | Sanitation | | | Water Supply | yl | | Sanitation | ation | |
| | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Elisely | Public | Public |
| 10 | | 6,507 | 0 | 2,740 | 1,764 | 42 | 0 | 342 | 0 | 0 | 35,554 | 0 | 920 | 650 | Sumo |
| | 2. Physiscal Contingency(15% of 1)) | 976 | 0 | 411 | 265 | 6 | 0 | 51 | 0 | 0 | 5,333 | 0 | 138 | 98 | ò |
| | 3. Price Contingency (10% of 1 & 2) | 748 | 0 | 315 | 203 | 5 | 0 | 39 | 0 | 0 | 4,089 | 0 | 106 | 75 | 0 0 |
| | 4. Jotal Direct Cost | 8,231 | 0 | 3,466 | 2,231 | 53 | 0 | 433 | 0 | 0 | 44,976 | 0 | 1,163 | 823 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 741 | 0 | 312 | 201 | 5 | 0 | 39 | 0 | 0 | A DAR | C | 105 | 12 | |
| | 7 Construction Supervision(4% of 4) | 329 | 0 | 139 | 89 | 2 | 0 | 17 | 0 | 0 | 1,799 | 0 | 47 | 33 /# | 0 |
| | 6. 1 raining(3% and 12% for urban & rural) | 247 | 0 | 104 | 67 | 2 | 0 | 13 | 0 | 0 | 5,397 | 0 | 140 | 66 | 0 |
| | y. I otal indirect Cost | 1,317 | 0 | 555 | 357 | 8 | 0 | 69 | 0 | 0 | 11,244 | 0 | 291 | 206 | 0 |
| <u>,</u> | 10.Total Project Cost | 9,548 | 0 | 4.021 | 2.588 | 19 | 0 | \$02 | 0 | | 046 23 | | | | |
| | | | | | Ì | | | | | > | 177'nr | | +C+'1 | 1,028 | 0 |
| 17 | <u> </u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,339 | 0 | 118 | c | C72 |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1011 | | 61 | > c | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 844 | 0 | 4 | 0 | 30 |
| | 4. Iotal Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9.283 | 0 | 149 | 0 | 422 |
| | | | | | | | | | | | | | | | CC1 |
| | 3. Indirect Cost | | | | | | | | | • | | | | | |
| | 0. Feasibulity Study(DD (9% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 836 | 0 | 13 | 0 | 39 |
| | V CONSILUCITON SUPERVISION(4% 0] 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 371 | 0 | Ó | 0 | 17 |
| | 0. Iraung(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,114 | 0 | 18 | 0 | 52 |
| | 2. 1000 mart ect COSt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,321 | 0 | 37 | 0 | 108 |
| | 10.Total Project Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 604 | 0 | 186 | 0 | 173 |
| 0 | | | | | | | | | | | | | | <u> </u> | Ę |
| 2 | | 8,526 | 729 | 14,684 | 1,906 | 49 | 271 | 342 | 0 | 0 | 79,086 | 562 | 258 | 528 | 0 |
| | 2. Fuysiscat Contingency(13% of 1)) | 1,279 | 109 | 2,203 | 286 | 2 | 41 | 51 | 0 | 0 | 11,863 | 84 | 39 | 62 | 0 |
| | 3. Frice Contingency (10% of 1 & 2) | 981 | 84 | 1,689 | 219 | 0 | 31 | 39 | 0 | 0 | 9,095 | 65 | 30 | 61 | 0 |
| | | 10,786 | 922 | 18,575 | 2,412 | | 343 | 433 | 0 | 0 | 100,043 | 210 | 326 | 668 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 126 | 83 | 1,672 | 217 | 9 | 31 | 30 | 0 | ¢ | r00 0 | 3 | 2 | | |
| | 7 Construction Supervision(4% of 4) | 431 | 37 | 743 | 8 | ~ | 14 | 17 | 0 | | | 1 | \$7 C | 10 | |
| | 8. Training(3% and 12% for urban & rural) | 324 | 28 | 557 | 72 | 7 | 10 | 13 | 0 | 0 | 300 61 | | C 06 | /7 | |
| | 9. Total indirect Cost | 1,726 | 147 | 2,972 | 386 | 10 | 55 | 69 | 0 | 0 | 25.011 | 178 | 2 2 2 2 2 2 | 167 | 0 |
| | 10 Total Deviced Cast | | | | | | | | | | | | 5 | S T | 5 |
| | ison materia | 710'71 | 1,069 | 21.547 | 2,797 | 11 | 398 | 502 | 0 | 0 | 125,0.54 | 888 | 408 | 835 | 0 |

Comp rehensive Basic Survey of the Autonomous Region in Muslim Mindanao Water Supply and Sanitation Sector: Province of Maguindanao

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| 11 | | | | | | | гпа | Phase II (2010-2015) Requirement | inbəxi (ci 02 | rement | | | | | |
|--------|--|-----------|--------------|---------|------------|---------------------------------------|--|----------------------------------|---------------|--------------|----------|------------|------------------|------------------|---------------------|
| | | | | | Urban Arca | 1 | | | | | i | Rural Arca | | | |
| | Municipality | 12 | Water Supply | × | | Sani | Sanitation | | | Water Supply | ١y | | Sanit | Sanitation | |
| | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| c | 1 01 | 5 282 | C | 46 | 1.728 | 0 | 0 | 342 | 3,851 | 611 | 18,553 | 1,958 | 496 | 188 | 0 |
| 2 | | 707 | 0 | 2 | 259 | 0 | 0 | 51 | 578 | 117 | 2,783 | 294 | 74 | 28 | 0 |
| | 2. Prisscat Contrigency (1.270 of 1.1) | 607 | 0 | · 5 | 661 | 0 | 0 | 39 | 443 | 90 | 2,134 | 225 | 57 | 22 | 0 |
| | 3. Frice Contingency (10/10) 1 - 2/ 4. Total Direct Cost | 6,682 | 0 | 59 | 2,186 | 0 | 0 | 433 | 4,871 | 985 | 23,469 | 2,477 | 627 | 238 | 0 |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | 201 | ¢ | ~ | 107 | 0 | 0 | 30 | 438 | 89 | 2.112 | 223 | 56 | 21 | 0 |
| | 6. Feasibility Study(DL) (9% 0] 4) | 100 | > 0 | 2 | 87 | 0 | 0 | 17 | 195 | 39 | 939 | 66 | 25 | 10 | 0 |
| | / CONSIGUORI Super VISION (7/0 9) +) | 200 | 0 | 2 | 00 | 0 | 0 | 13 | 585 | 118 | 2,816 | 297 | 75 | 29 | 0 |
| | 0. Itutitus 270 min 1270 of a community of Total indirect Cost | 1,069 | 0 | 6 | 350 | 0 | 0 | 69 | 1,218 | 246 | 5,867 | 619 | 157 | 60 | 0 |
| | | | | | | • | | | 000 2 | 1 22 | 765 00 | 3 006 | 181 | 208 | 0 |
| | 10.Total Project Cost | 7,751 | 0 | 80 | 2,535 | > | <u>></u> | 700 | 0,00 | 7(7'1 | 100 67 | 000 | | 2 | |
| 20 | 1 Courth I Ini | 5.716 | 0 | 12.538 | 1,259 | 64 | 0 | 342 | 0 | 0 | 74,560 | 0 | 456 | 145 | 0 |
| د د | - | 857 | 0 | 1,881 | 189 | 10 | 0 | 51 | 0 | 0 | 11,184 | 0 | 88 | 22 | 5 |
| | 3. Price Contingency (10% of 1 & 2) | 657 | 0 | 1,442 | 145 | 2 | 0 | 39 | 0 | 0 | 8,574 | 0 | 22 | 11 | o' |
| | 4. Total Direct Cost | 7,230 | 0 | 15,860 | 1,592 | 81 | 0 | 433 | 0 | 0 | 94,318 | 0 | 577 | 183 | |
| | | | | | | | | | | | | | | | |
| | 5. Indirect Cost | | | | 671 | ~ | | 30 | e | 0 | 8 489 | 0 | 52 | 16 | 0 |
| | 6. Feasibility Study/DD (9% of 4) | 100 | 5 9 | 1,421 | | × 6 | | 12 | 0 | 0 | 3.773 | 0 | 23 | 2 | 0 |
| | V Construction Supervision(476 0) 4) | 217 | | 476 | | 2 | 0 | 13 | 0 | 0 | 11,318 | 0 | 69 | 22 | 0 |
| | 0. I raining() /0 and 12/0 of a roan windly 0 Total indirect Cost | 1,157 | 0 | 2,538 | | 13 | 0 | 69 | 0 | 0 | 23,580 | 0 | 144 | 46 | 0 |
| | | | | | | | | | | | 117 0/0 | | 222 | 220 | |
| | 10. Total Project Cost | 8,387 | 0 | 18,398 | 1,847 | y4 | > | 700 | > | | 0/0//71 | <u>ہ</u> | | | |
| 10 | 1 Vinfan Kindarat | 0 | 0 | 770 | 2,061 | C C C C C C C C C C C C C C C C C C C | P | 342 | 3,272 | 488 | 70,212 | 7,770 | 1,547 | 939 | 0 |
| 4 | | 0 | 0 | 116 | 309 | 0 | 0 | 51 | 491 | 73 | 10,532 | | 232 | 141 | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 89 | 237 | 0 | 0 | 39 | 376 | 56 | 8,074 | _ | 178 | 108 | 0 |
| | 4. Total Direct Cost | 0 | 0 | 974 | 2,608 | 0 | 0 | 433 | 4,138 | 617 | 88,818 | 9,829 | 1,957 | 1,188 | 0 |
| | | | - | | - | | | | | | | | | | |
| | 5. Foreihility Study/DD (0% of 4) | 0 | 0 | 88 | 235 | 0 | 0 | 39 | 372 | 56 | 7,994 | 885 | 176 | 107 | 0 |
| | 7 Construction Symervision(4% of 4) | 0 | 0 | 39 | 104 | 0 | 0 | 17 | 166 | 25 | 3,553 | 393 | 78 | 48 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 0 | 0 | | 78 | 0 | 0 | | | 74 | 10.658 | - 1.179 | 235 | 143 | 0 |
| | 0 T-1 indianal Cont | 0 | 0 | 156 | 1 1 | | | 69 | 1.035 | 154 | 22.204 | | 480 | 297 | 0 |

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Total Project Cost

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| <u> </u> | Appendix 1 able 9.5. 4 1 otal Investment Costs (P x 1,000)- breakdown | 1 1 1 1 1 1 | | | | | pha | of 11 (2010) | Phase II (2010-2015) Booniconte | | | | | | |
|----------|---|----------------------------|--------------|---------|------------|------------------|------------------|---------------------|---------------------------------|--------------|---------|------------|----------|---|-----------|
| | | | | | | | 1 110 | 11/2/11/2010 | how (cinz- | nement | | | | | |
| | M | | | | Urban Arca | a | | | | | | Rural Arca | | | |
| | Municipality | | Water Supply | ylc | | Sani | Sanitation | | | Water Supply | oly | | Sani | Sanitation | |
| | | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | <u> </u> | Public | Public |
| ~ | 22 I. Sultan Mastura | 0 | | | | C | C | | | 020 | 17 614 | | USDIA | SCHOOL | Utilities |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 0 | | 0 | 20 | | | | 700 | 11,014 | | c/c | 278 | 342 |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | s e | | | 50 | 2,042 | 0 | 86 | 42 | 51 |
| | 4. Total Direct Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.050 | 22 287 | | 778 | 32 | 95 |
| | 5 Indirect Cost | | | | | | | | | | | s | 07/ | 7/1 | CC* |
| | 6. Feasibility Study/DD 70% of 4) | | | | • | | | | | | | | | | |
| | 7 Construction Sumaristica (2/0 0) 4) | 5 | | » (° | | 0 | 0 | 0 | 0 | 95 | 2,005 | 0 | 65 | 32 | 39 |
| | 8 Proining 200 and 1906 for the of 4) | > | > ` | | 0 | 0 | 0 | 0 | 0 | 42 | 891 | 0 | 29 | 14 | 17 |
| | 0 Total indiana Cont | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 | 2,674 | 0 | 87 | 42 | 52 |
| | 2. JOINT HIMMELT COST | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 263 | 5,571 | 0 | 182 | 88 | 108 |
| | 10. Total Project Cost | 0 | 0 | 0 | 0 | | | C | | c1 + 1 | | | | | |
| <u> </u> | | | | | , - | | | > | > | 1,513 | 508,12 | 0 | 910 | 440 | 541 |
| 23 | <u> </u> | 0 | 1,560 | 0 | 0 | 190 | 0 | 342 | ¢ | c | 008 11 | | 1 404 | 200 | |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 234 | 0 | 0 | 38 | 0 | 15 | | | 22011 | | +0+'1 | <u>, , , , , , , , , , , , , , , , , , , </u> | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 170 | 0 | 0 | 22 | | 10 | 2 4 | 2 | 5,233 | 0 | | 53 | 0 |
| | 4. Total Direct Cost | | 1001 | | > < | 77 | » | <u> </u> | <u></u> | 0 | 4,012 | 0 | 191 | 41 | 0 |
| | | 5 | 1,9/4 | > | > | 240 | 0 | 433 | 0 | 0 | 44,136 | 0 | 1,776 | 449 | 0 |
| | 5. Indirect Cost | | | | | | | | | | | | | | |
| | 6. Feasibility Study/DD (9% of 4) | 0 | 178 | | C | | | | , | | | | | | |
| | 7 Construction Supervision(4% of 4) | | 04 | | | 77 | 5, | <u>5</u> | 0 | 0 | 3,972 | 0 | 160 | 40 | 0 |
| | 8. Training(3% and 12% for urban & rural) | > c | 5 95 | | | 10 | 0 | | 0 | 0 | 1,765 | 0 | 11 | 18 | 0 |
| | 9. Total indirect Cost | | ~ ~ ~ | > < | » (° | | 2 | 13 | 0 | 0 | 5,296 | 0 | 213 | 54 | 0 |
| | | 2 | 015 | n | 0 | 38 | 0 | 69 | 0 | 0 | 11,034 | 0 | 444 | 112 | 0 |
| | 10. Total Project Cost | 0 | 2,289 | 0 | 0 | 279 | 0 | 502 | 0 | 9 | 55 170 | ¢ | 066 6 | | (|
| | | | | | | | | | | <u> </u> | 011100 | 2 | 177'7 | 100 | 3 |
| 74 | | 0 | 1,123 | 2,448 | 0 | 103 | 0 | 342 | 0 | 532 | 30.228 | c | 505 | 147 | < |
| | 2. Physiscal Contingency(15% of 1)) | 0 | 168 | 367 | 0 | 16 | 0 | 51 | 0 | 8 | 4 534 | ^ • | 242 | 700 | |
| | 3. Price Contingency (10% of 1 & 2) | 0 | 129 | 281 | 0 | 12 | 0 | 39 | 0 | 61 | 3.476 | 0 | 05 | 5 5 | |
| | 4. Total Direct Cost | 0 | 1,420 | 3,096 | 0 | 131 | 0 | 433 | 0 | 673 | 38 230 | | 620 | 357 | 2 0 |
| | 5. Indirect Cost | | | | | | | | | | | , | | 0/1 | > |
| | K Foreihilten ChudulDD 100/ 2 1) | • | | | | | | | | | | | | | |
| | 7 Construction Summition (9700) 4) | 010 | 128 | 279 | 0 | 12 | 0 | 39 | 0 | 19 | 3,441 | 0 | 57 | 41 | 0 |
| | 8. Training(3% and 12% for urban & rural) | 5;0 | 2 | 124 | 0 | | 0 | 11 | 0 | 27 | 1.530 | 0 | 26 | 18 | 0 |
| _ | 9. Total indirect Cost | > < | 5.5 | 2 | 2 | # | 0 | /3 | 0 | 81 | 4,589 | 0 | 17 | 55 | 0 |
| | | 5 | /77 | 495 | 0 | 21 | 0 | 60 | 0 | 168 | 9.560 | 0 | 160 | 115 | 0 |
| | 10Total Project Cost | 0 | 1.648 | 3 592 | -0 | 157 | | | | | | 1 | | | |
| | | | | | - - | | | 711 | - 0 | 842 | 47,798 | 0 | 799 | 573 | 0 |

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| able 9.3. 4 Total Investment Costs (P x 1,000)- breakdown -Phase | |
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|--|-----------|--------------|---------|------------|------------------|------------------|---------------------|----------------------------------|--------------|-----------|------------|------------------|------------------|---------------------|
| I | | | | Urban Area | 1 | | | | | Я | Rural Area | | | |
| <u>ı </u> | 14 | Water Supply | | | Sanit | Sanitation | | | Water Supply | ıly | | Sanit | Sanitation | |
| <u>.</u> | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities | Level III | Level II | Level I | HH Flush | HH Pour Flush | Public School | Public Utilities |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,672 | 0 | 575 | 846 | 342 |
| 2. Physiscal Contingency(15% of 1)) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,651 | 0 | 86 | 127 | 51 |
| Price Contingency (10% of 1 & 2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,332 | 0 | 66 | 97 | 39 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47,656 | 0 | 728 | 1,070 | 433 |
| | | | | | | | | | | | | | | |
| * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,289 | 0 | 66 | 96 | 39 |
| 7 Construction Supervision(4% of 4) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,906 | 0 | 29 | 43 | 17 |
| 8. Training(3% and 12% for urban & rural) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,719 | 0 | 87 | 128 | 52 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,914 | 0 | 182 | 267 | 108 |
| | 6 | 0 | e | 0 | 0 | 0 | 0 | 0 | 0 | . 59.569 | 0 | 910 | 1.337 | 541 |
| | | | | · | | | | | | | | | | |
| | 4,022 | 0 | 161 | 764 | 0 | 271 | 342 | 0 | 0 | 50,399 | 0 | 517 | 737 | 0 |
| 2. Physiscal Contingency(15% of 1)) | 603 | 0 | 20 | 115 | 0 | . 41 | 51 | 0 | 0 | 7,560 | 0 | 137 | 111 | 0 |
| 3. Price Contingency (10% of 1 & 2) | 463 | 0 | 1-5 | 88 | 0 | 31 | 39 | 0 | 0 | 5,796 | 0 | 105 | 85 | 0 |
| | 5,088 | 0 0 | 166 | 967 | 0 | 343 | 433 | 0 | 0: | 63,755 | O | 1,160 | 933 | 0 |
| | | | | | | | | | | | | | | |
| | 458 | 0 | 15 | 87 | 0 | 31 | 39 | 0 | 0 | 5,738 | 0 | 104 | 84 | 0 |
| 7 Construction Supervision(4% of 4) | 204 | 0 | 7 | 39 | 0 |]4 | 17 | 0 | 0 | 2,550 | 0 | 46 | 37 | 0 |
| 8. Training(3% and 12% for urban & rural) | 153 | 0 | 5 | 29 | 0 | 10 | 13 | 0 | 0 | 7,651 | 0 | 139 | 112 | 0 |
| | 814 | 0 | 27 | 155 | 0 | 55 | 69 | 0 | 0 | 15,939 | 0 | 290 | 233 | 0 |
| | 5,902 | 0 | 193 | 1,121 | 0 | 398 | 502 | 0 | 0 | 79,693 | 0 | <i>1,449</i> | 1,166 | 0 |
| | | | | | | | | | | | | | | |
| | 1171 F | 17 200 | 202 02 | 10 076 | 1 0/0 | 2 1 2 1 | 0 535 | 87 277 | 31.063 | 1.449.015 | 23.227 | 22.782 | 17518 | 3,786 |

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