



SRI LANKA

ANNUAL SURVEY OF CONSTRUCTION

INDUSTRIES

2009

(Registered with ICTAD - Western Province)

Department of Census & Statistics

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PREFACE

The first Survey of Construction Industry was conducted in 1993 with the assistance of Institute for Construction Training and Development (ICTAD). Thereafter this Department continues to conduct the survey annually to cater to the needs of National Planners and other data users.

This publication provides the Survey results for the year 2009 in which the reference period was 2008. The frame for this survey was the list of contractors registered with ICTAD under western province.

Any suggestions to improve this survey are most welcome.

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The co-operation given by the respondents is also much appreciated.

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Survey of Construction Industries - Sri Lanka 2009

(Registered with ICTAD under Western Province)

1. Introduction

Survey of Construction Industry was conducted in 1993 for the first time in Sri Lanka mainly to furnish data regarding input, output and their trends to the Institute for Construction Training and Development (ICTAD). The Department of Census and Statistics continues to conduct the survey annually to cater to the requirements of the data users along with the rapid development of the construction industry in Sri Lanka.

2. Scope and Coverage

In this survey, all construction activities undertaken by the private contractors registered with ICTAD under western province and government and semi-government agencies were covered. Therefore, construction activities undertaken by the international organizations and the informal sector were not represented in this survey.

Information is collected relating to the following sectors of the construction industry.

- i. Building construction
- ii. Highway construction
- iii. Bridge construction
- iv. Water supply & drainage
- v. Irrigation & land drainage
- vi. Dredging & Reclamation
- vii. Other constructions

All construction activities, except building construction, mentioned above are categorized under Civil Engineering activities.

3. Methodology

The Survey of Construction Industries was aimed to cover 309 sample units under western province for the reference year 2008. The department introduced a very simple questionnaire, in order to collect information such as value of contract, value of workdone, value of raw materials used, salaries, value of subcontract and other services for the survey from the year 2000 considering the difficulties in collecting data in the field of construction activities.

Field officers of the department were sent to establishments directly to collect the information from contractors. For the non responding contractors, field officers had to visit quite a number of times to get the questionnaire completed. The collection of accurate data from contractors is very tedious and time consuming.

4. Frame

List of contractors registered with the ICTAD under western province in the year 2008 have been used as the frame for this survey.

5. Sample Design

Stratified Systematic Sampling method was used for the survey and the list of contractors registered with the ICTAD under western province was divided into 2 strata according to the grading system which the ICTAD has devised based on the financial terms. Contractors of all type of construction activities categorized under grade 1 to grade 5 and Contractors of all type of construction activities except building, categorized under grade 6 to grade 10 were canvassed 100% and a probability sample was selected from other grades 6 to grade 10 in building construction as shown below.

Sample Frame	Strata	Sample Fraction	Sample size
List of contractors registered with ICTAD	grade 1-5	100%	193
	grade 6-10 (except building)	100%	17
	grade 6-10 (building)	19%	99
Total			309

6. Concepts & Definitions

(a) Reference Period

Data relating to construction activities carried out during the calendar year 2008 or financial year 2008 April to 2009 March.

(b) Employment

This refers to the average number of persons engaged in construction activity during the reference period, including skilled labourers, unskilled labourers, technical, professional and other paid workers.

(c) Salaries & Wages

Amount paid as salaries, wages or subcontract on work done during the period.

(d) Output

Value of work done during the year 2008.

(e) Input

Expenditure on goods (raw materials), other services and subcontract

$$\text{Input} = \text{cost of goods} + \text{cost of other services} + \text{cost of subcontracts given to others.}$$

(f) Value Added

Value added is the increment addition to the value of raw materials and other expenditure that is contributed by the contractor. It is computed as follows.

$$\text{Output} - \text{Input} = \text{Value added}$$

7. Survey Results

The survey covers all the construction activities carried out by the contractors registered with ICTAD under western province.

Therefore it is clear that ;

- a. The construction activities carried out other than by the ICTAD registered contractors such as construction of houses in the rural sector and urban sector;
- b. Large scale construction activities carried out by foreign contractors; are not covered by this survey.

According to the Annual Survey of Construction Industries, the total estimated value of work done by all type of construction activities of the contractors, who registered with ICTAD under western province was Rs. 62,995 million in 2008. The highest contribution to this value has been made by the building construction sector which accounted for 45.4% of the total value of work done.

The major share of the value of work done of building construction sector (which amounted Rs. 28,633 million) has come from the private and public sector. The type of high way construction was the second highest contributor to the value of work done, amounting to 31.1% of the total value.

Table 1 : Some Selected Indicators of Construction Activities Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

Type of Construction Activity		No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
Building	Housing Units	43	5,564,313,689	2,792,365,516	1,246,843,246	1,545,522,270	950,615,186	88,151,932	208,076,128	1,052	187,797,192
	Collective living quarters	14	5,004,846,658	1,587,161,819	677,882,808	909,279,011	237,205,363	15,763,242	424,914,204	220	54,789,512
	Office Building	107	19,303,857,170	5,302,538,729	3,048,922,474	2,253,616,255	2,306,773,234	165,738,507	576,410,733	2,774	577,474,440
	Market Complex	14	428,088,544	261,350,544	101,783,059	159,567,485	80,526,663	3,146,000	18,110,395	180	27,245,275
	Factories	17	4,003,109,053	2,046,515,691	1,759,853,441	286,662,250	1,200,864,602	143,066,180	415,922,659	495	51,042,191
	School Building	81	6,099,597,954	3,201,211,400	2,193,931,084	1,007,280,316	1,984,421,850	86,988,010	122,521,225	1,727	168,422,302
	Hospital Building	46	4,341,925,400	1,510,288,872	813,068,145	697,220,727	564,134,577	56,054,779	192,878,789	686	147,908,772
	Other Building	182	49,659,334,707	10,406,681,662	5,700,321,636	4,706,360,026	5,241,766,931	240,729,926	217,824,779	4,917	1,339,811,110
	Repair & Maintenance	109	2,143,438,740	1,524,836,607	1,082,158,724	442,677,883	746,916,666	11,685,420	323,556,639	1,735	277,923,400
	Group Total	614	96,548,511,914	28,632,950,841	16,624,764,617	12,008,186,223	13,313,225,071	811,323,997	2,500,215,549	13,788	2,832,414,196
Highway	Rehabilitation	93	9,206,631,397	4,609,625,486	2,105,140,711	2,504,484,775	1,561,762,379	104,070,462	439,307,869	2,089	285,367,151
	New work	41	28,135,283,739	11,935,272,778	11,052,930,121	882,342,657	10,870,237,340	155,002,390	27,690,391	1,816	330,045,114
	Repair & Maintenance	30	6,844,962,682	3,035,673,367	1,469,822,269	1,565,851,098	1,337,408,070	71,220,155	61,194,044	1,688	206,037,992
	Group Total	164	44,186,877,817	19,580,571,631	14,627,893,101	4,952,678,530	13,769,407,790	330,293,007	528,192,305	5,594	821,450,257
Bridge	Bridge	31	2,576,030,011	802,310,375	477,564,510	324,745,864	188,254,338	8,648,651	280,661,521	606	49,419,573
	Culvert	3	22,880,000	22,880,000	20,020,000	2,860,000	20,020,000	-	-	17	1,806,948
	Group Total	34	2,598,910,011	825,190,375	497,584,510	327,605,864	208,274,338	8,648,651	280,661,521	623	51,226,521
Water supply & Drainage	Water Supply	58	24,493,836,055	9,816,988,536	5,634,215,032	4,182,773,504	3,173,460,850	1,544,036,846	916,717,336	2,429	304,796,090
	Drainage	11	217,099,972	203,114,572	92,077,139	111,037,432	55,181,667	11,512,973	25,382,500	240	34,747,513
	Pump house	6	205,691,200	75,046,400	42,211,012	32,835,388	42,211,012	-	-	83	19,007,583
	Repair & Maintenance	2	8,000,000	8,000,000	3,800,000	4,200,000	-	-	3,800,000	-	-
	Group Total	77	24,924,627,227	10,103,149,507	5,772,303,183	4,330,846,324	3,270,853,529	1,555,549,819	945,899,836	2,753	358,551,186
Irrigation & Land Drainage	Sluices	3	188,610,000	78,260,000	39,381,000	38,879,000	39,381,000	-	-	83	21,184,000
	Irrigation canal	9	750,334,579	364,741,995	255,683,708	109,058,286	187,711,673	30,764,474	37,207,562	366	92,647,403
	Group Total	12	938,944,579	443,001,995	295,064,708	147,937,286	227,092,673	30,764,474	37,207,562	449	113,831,403
Dredging & Reclamation	Filling	14	246,953,647	180,194,474	132,982,312	47,212,162	83,172,672	33,748,000	16,061,640	343	27,354,184
	Group Total	14	246,953,647	180,194,474	132,982,312	47,212,162	83,172,672	33,748,000	16,061,640	343	27,354,184
Other	Other Construction	52	3,923,251,508	3,229,814,955	2,259,478,442	970,336,513	182,657,133	49,610,312	2,027,210,997	852	172,124,630
	Group Total	52	3,923,251,508	3,229,814,955	2,259,478,442	970,336,513	182,657,133	49,610,312	2,027,210,997	852	172,124,630
Total		967	173,368,076,704	62,994,873,777	40,210,070,874	22,784,802,903	31,054,683,205	2,819,938,260	6,335,449,410	24,401	4,376,952,378

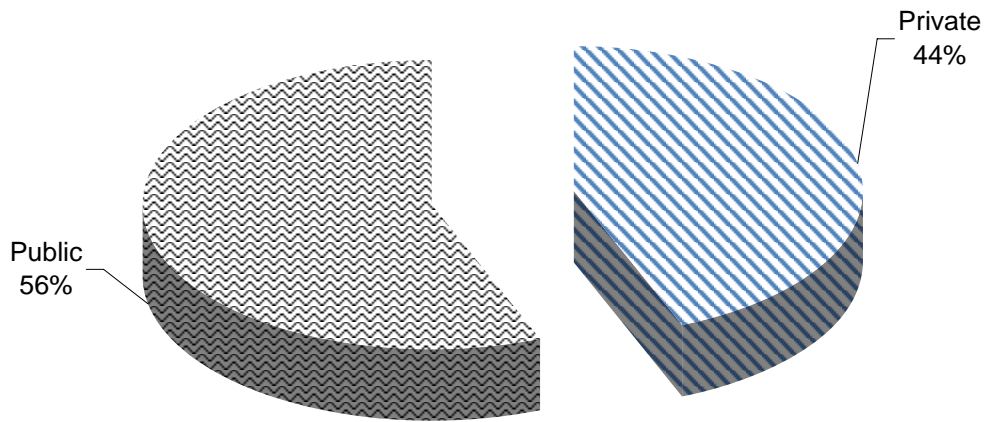
Table 2 : Some Selected Indicators of Construction Activities Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(Private Sector)

Type of Construction Activity		No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
Building	Housing Units	26	1,476,258,713	758,509,429	595,313,050	163,196,379	419,204,989	76,711,932	99,396,128	629	113,708,892
	Collective living quarters	9	2,945,646,658	1,177,895,819	650,209,380	527,686,439	209,531,934	15,763,242	424,914,204	192	48,096,254
	Office Building	20	8,586,961,469	1,978,463,596	1,559,930,066	418,533,530	1,277,620,247	131,271,223	151,038,596	992	255,558,901
	Market Complex	6	89,636,144	67,757,144	45,051,335	22,705,809	40,089,235	1,430,000	3,532,100	69	6,271,637
	Factories	14	3,954,460,453	2,021,490,691	1,752,515,488	268,975,204	1,193,526,649	143,066,180	415,922,659	475	46,685,610
	School Building	29	3,402,457,956	2,301,078,520	1,677,380,791	623,697,729	1,548,718,220	49,562,393	79,100,178	824	66,260,569
	Hospital Building	6	579,125,238	283,140,000	235,657,067	47,482,933	157,207,144	42,968,145	35,481,778	120	35,839,787
	Other Building	60	36,782,719,242	6,369,319,931	3,675,957,125	2,693,362,806	3,469,351,774	108,360,338	98,245,013	2,500	1,014,378,674
	Repair & Maintenance	9	175,985,524	175,403,800	67,131,350	108,272,450	60,557,068	1,430,000	5,144,282	317	88,465,520
	Group Total	177	57,993,251,396	15,133,058,930	10,259,145,651	4,873,913,279	8,375,807,260	570,563,453	1,312,774,938	6,118	1,675,265,844
Highway	Rehabilitation	12	821,473,676	146,153,625	128,080,766	18,072,858	119,491,512	4,093,334	4,495,920	173	9,513,837
	New work	6	859,482,158	274,073,800	267,993,323	6,080,477	264,046,523	1,573,000	2,373,800	77	2,451,947
	Group Total	18	1,680,955,833	420,227,425	396,074,089	24,153,335	383,538,035	5,666,334	6,869,720	251	11,965,784
Bridge	Bridge	3	446,160,000	22,308,000	19,448,000	2,860,000	14,300,000	2,288,000	2,860,000	57	1,930,500
	Group Total	3	446,160,000	22,308,000	19,448,000	2,860,000	14,300,000	2,288,000	2,860,000	57	1,930,500
Water supply & Drainage	Water Supply	29	13,121,609,655	5,398,705,186	3,484,353,790	1,914,351,396	1,238,182,148	1,437,278,340	808,893,302	1,410	185,552,704
	Group Total	29	13,121,609,655	5,398,705,186	3,484,353,790	1,914,351,396	1,238,182,148	1,437,278,340	808,893,302	1,410	185,552,704
Irrigation & Land Drainage	Irrigation canal	6	652,267,696	271,363,235	205,090,308	66,272,927	150,846,273	28,190,474	26,053,562	160	59,288,363
	Group Total	6	652,267,696	271,363,235	205,090,308	66,272,927	150,846,273	28,190,474	26,053,562	160	59,288,363
Dredging & Reclamation	Filling	6	89,876,272	89,876,272	79,151,930	10,724,342	62,849,930	8,294,000	8,008,000	123	7,650,500
	Group Total	6	89,876,272	89,876,272	79,151,930	10,724,342	62,849,930	8,294,000	8,008,000	123	7,650,500
Other	Other Construction	17	2,332,422,807	1,941,983,486	1,387,963,720	554,019,766	69,813,172	9,237,800	1,308,912,748	375	70,076,035
	Group Total	17	2,332,422,807	1,941,983,486	1,387,963,720	554,019,766	69,813,172	9,237,800	1,308,912,748	375	70,076,035
Total		256	76,316,543,660	23,277,522,534	15,831,227,489	7,446,295,045	10,295,336,817	2,061,518,401	3,474,372,270	8,493	2,011,729,730

Table 3 : Some Selected Indicators of Construction Activities Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(Public Sector)

Type of Construction Activity		No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
Building	Housing Units	17	4,088,054,977	2,033,856,087	651,530,196	1,382,325,891	531,410,196	11,440,000	108,680,000	423	74,088,300
	Collective living quarters	6	2,059,200,000	409,266,000	27,673,429	381,592,571	27,673,429	-	-	29	6,693,258
	Office Building	87	10,716,895,701	3,324,075,133	1,488,992,408	1,835,082,725	1,029,152,987	34,467,284	425,372,136	1,782	321,915,539
	Market Complex	9	338,452,400	193,593,400	56,731,724	136,861,676	40,437,428	1,716,000	14,578,295	112	20,973,638
	Factories	3	48,648,600	25,025,000	7,337,953	17,687,047	7,337,953	-	-	20	4,356,581
	School Building	52	2,697,139,998	900,132,880	516,550,293	383,582,587	435,703,630	37,425,617	43,421,046	903	102,161,734
	Hospital Building	41	3,762,800,162	1,227,148,872	577,411,078	649,737,795	406,927,432	13,086,634	157,397,011	566	112,068,986
	Other Building	122	12,876,615,465	4,037,361,730	2,024,364,511	2,012,997,219	1,772,415,157	132,369,588	119,579,766	2,418	325,432,436
	Repair & Maintenance	101	1,967,453,216	1,349,432,807	1,015,027,374	334,405,433	686,359,598	10,255,420	318,412,357	1,418	189,457,880
	Group Total	437	38,555,260,518	13,499,891,911	6,365,618,966	7,134,272,945	4,937,417,811	240,760,544	1,187,440,612	7,670	1,157,148,352
Highway	Rehabilitation	80	8,385,157,721	4,463,471,861	1,977,059,944	2,486,411,917	1,442,270,867	99,977,128	434,811,949	1,916	275,853,314
	New work	36	27,275,801,581	11,661,198,978	10,784,936,799	876,262,179	10,606,190,818	153,429,390	25,316,591	1,739	327,593,168
	Repair & Maintenance	30	6,844,962,682	3,035,673,367	1,469,822,269	1,565,851,098	1,337,408,070	71,220,155	61,194,044	1,688	206,037,992
	Group Total	145	42,505,921,984	19,160,344,206	14,231,819,012	4,928,525,194	13,385,869,755	324,626,672	521,322,585	5,343	809,484,474
Bridge	Bridge	29	2,129,870,011	780,002,375	458,116,510	321,885,864	173,954,338	6,360,651	277,801,521	549	47,489,073
	Culvert	3	22,880,000	22,880,000	20,020,000	2,860,000	20,020,000	-	-	17	1,806,948
	Group Total	31	2,152,750,011	802,882,375	478,136,510	324,745,864	193,974,338	6,360,651	277,801,521	566	49,296,021
Water supply & Drainage	Water Supply	30	11,372,226,400	4,418,283,349	2,149,861,242	2,268,422,108	1,935,278,702	106,758,506	107,824,033	1,019	119,243,386
	Drainage	11	217,099,972	203,114,572	92,077,139	111,037,432	55,181,667	11,512,973	25,382,500	240	34,747,513
	Pump house	6	205,691,200	75,046,400	42,211,012	32,835,388	42,211,012	-	-	83	19,007,583
	Repair & Maintenance	2	8,000,000	8,000,000	3,800,000	4,200,000	-	-	3,800,000	-	-
	Group Total	49	11,803,017,571	4,704,444,321	2,287,949,393	2,416,494,928	2,032,671,381	118,271,479	137,006,533	1,343	172,998,482
Irrigation & Land Drainage	Sluices	3	188,610,000	78,260,000	39,381,000	38,879,000	39,381,000	-	-	83	21,184,000
	Irrigation canal	3	98,066,883	93,378,760	50,593,400	42,785,360	36,865,400	2,574,000	11,154,000	206	33,359,040
	Group Total	6	286,676,883	171,638,760	89,974,400	81,664,360	76,246,400	2,574,000	11,154,000	289	54,543,040
Dredging & Reclamation	Filling	9	157,077,375	90,318,202	53,830,382	36,487,820	20,322,742	25,454,000	8,053,640	220	19,703,684
	Group Total	9	157,077,375	90,318,202	53,830,382	36,487,820	20,322,742	25,454,000	8,053,640	220	19,703,684
Other	Other Construction	34	1,590,828,701	1,287,831,469	871,514,722	416,316,747	112,843,961	40,372,512	718,298,249	477	102,048,596
	Group Total	34	1,590,828,701	1,287,831,469	871,514,722	416,316,747	112,843,961	40,372,512	718,298,249	477	102,048,596
Total		711	97,051,533,044	39,717,351,244	24,378,843,386	15,338,507,858	20,759,346,387	758,419,859	2,861,077,140	15,908	2,365,222,648

**Chart 1 : Distribution of Value of Contract by Sector -2008
(Registered with ICTAD - Western Province)**



**Chart 2 : Distribution of Value of Work Done by Sector -2008
(Registered with ICTAD - Western Province)**

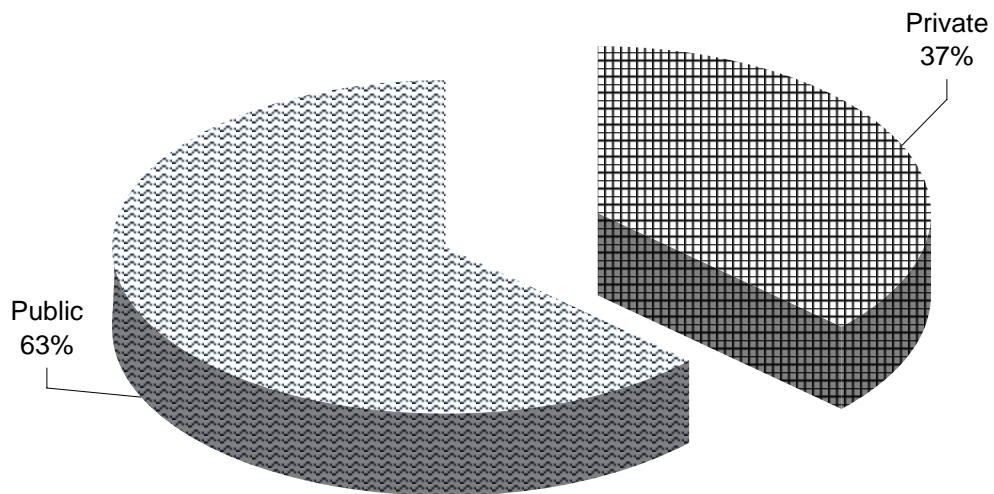


Chart 3 : Distribution of Value of Work Done by Type of Construction - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

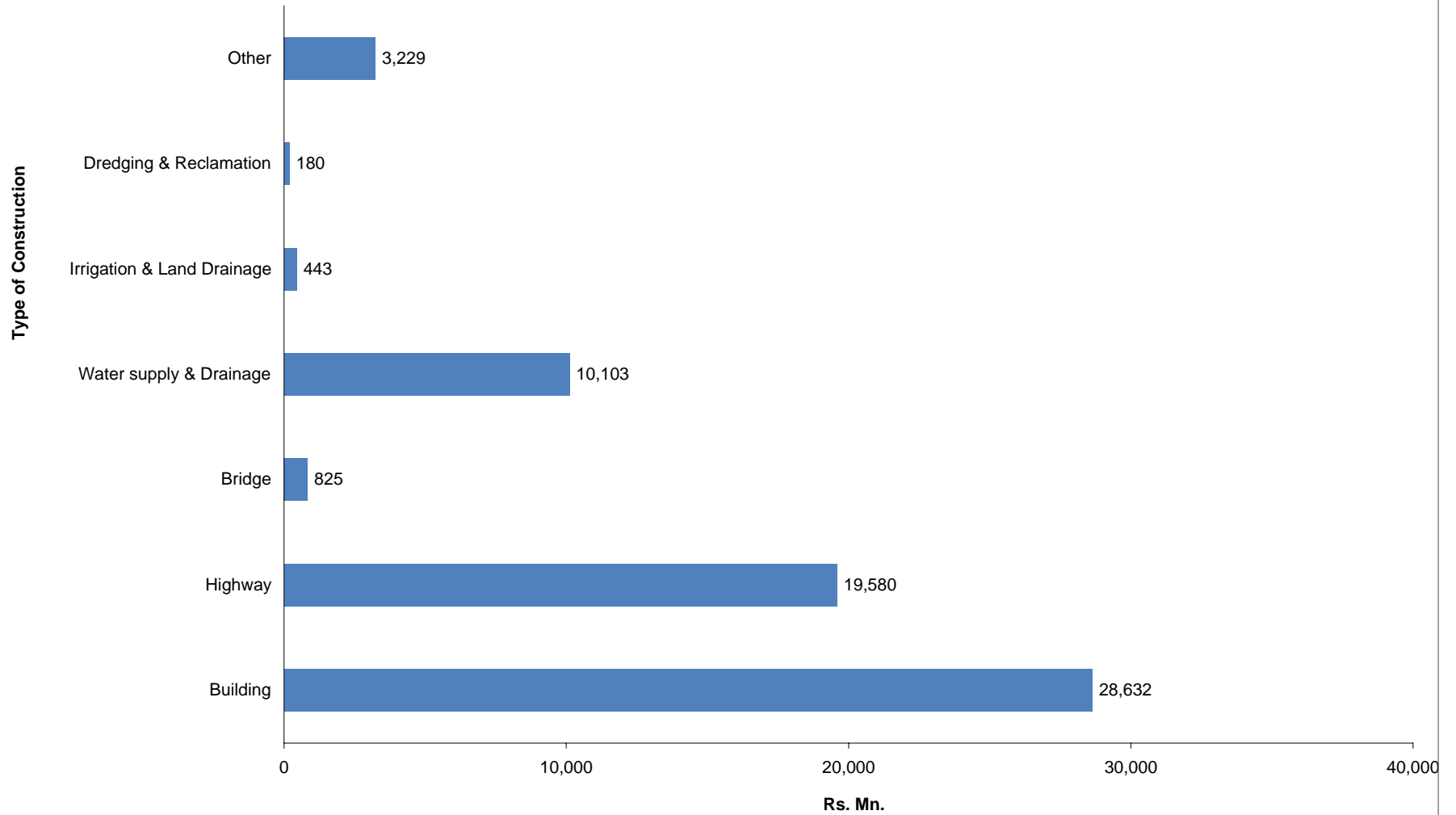


Chart 4 : Distribution of Value of Contract by Type of Building - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

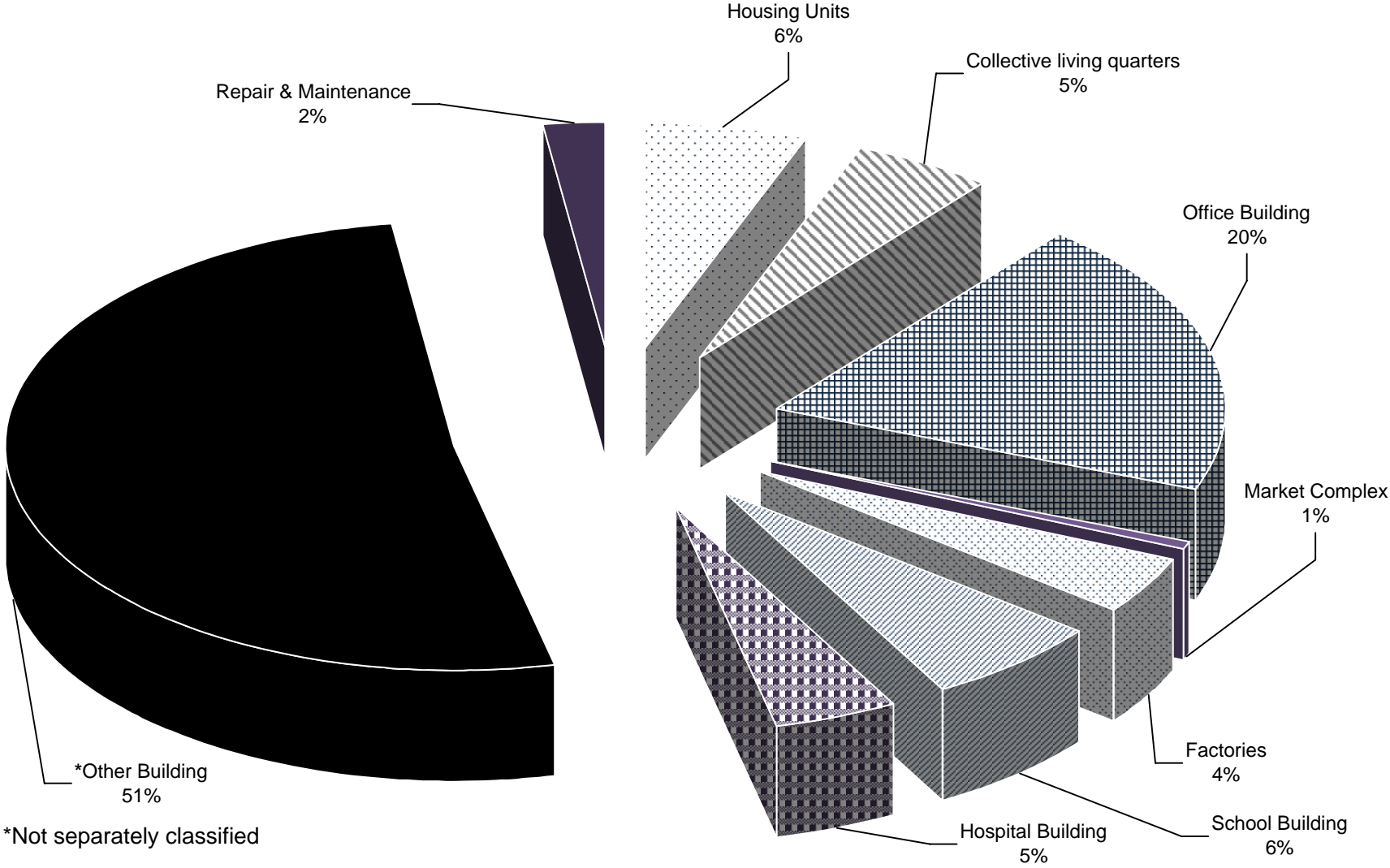


Chart 5: Distribution of Value of Workdone by Type of Building -2008
(Registered with ICTAD - Western Province)
(All Sectors)

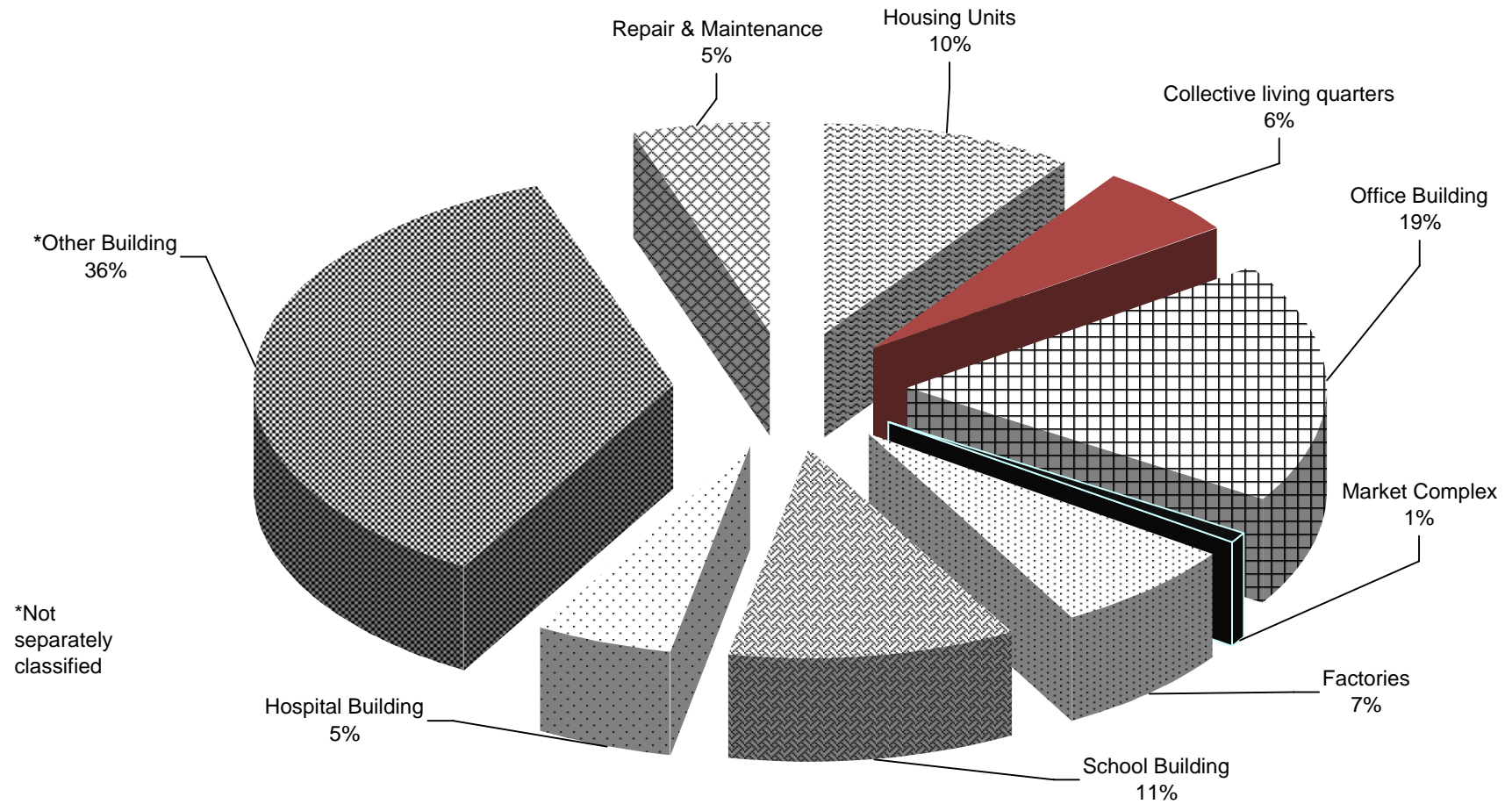


Table 4 : Raw Materials Consumed Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

Type of Construction Activity		Raw Materials Used (Rs.)								Total (Rs.)
		Cement	Sand	Ruble & Metal	Bricks	Timber	Iron & Steel	Roofing Material	Other	
Building	Housing Units	175,216,107	69,150,381	19,585,208	37,957,508	63,829,437	404,994,839	36,614,612	143,267,093	950,615,186
	Collective living quarters	49,477,222	14,049,069	7,736,892	58,524,446	23,139,554	35,164,967	6,801,049	42,312,164	237,205,363
	Office Building	456,047,791	229,581,968	126,308,862	227,228,647	242,637,206	663,340,637	84,391,782	277,236,341	2,306,773,234
	Market Complex	11,147,965	3,884,990	1,908,415	2,855,927	8,799,568	29,247,247	899,536	21,783,016	80,526,663
	Factories	297,797,148	65,027,434	51,287,267	135,821,609	40,600,051	353,879,758	63,675,146	192,776,189	1,200,864,602
	School Building	551,132,998	310,490,478	111,044,586	203,031,195	119,364,986	349,439,464	107,580,791	232,337,351	1,984,421,850
	Hospital Building	85,603,574	41,216,393	25,484,120	31,845,303	28,209,877	215,159,367	28,191,378	108,424,566	564,134,577
	Other Building	1,409,926,297	552,587,593	480,894,775	404,314,635	562,674,317	1,176,559,880	142,500,318	512,309,116	5,241,766,931
	Repair & Maintenance	83,979,929	46,720,131	57,816,046	27,432,996	93,540,960	82,582,644	30,341,612	324,502,347	746,916,666
	Group Total	3,120,329,031	1,332,708,437	882,066,174	1,129,012,266	1,182,795,957	3,310,368,802	500,996,224	1,854,948,182	13,313,225,071
Highway	Rehabilitation	237,031,331	109,279,344	364,175,215	13,024,523	16,685,929	159,299,916	6,601,226	655,664,895	1,561,762,379
	New work	105,147,550	2,323,498,437	4,581,918,999	33,377,810	37,803,048	37,512,840	16,290,560	3,734,688,096	10,870,237,340
	Repair & Maintenance	125,456,440	43,311,656	289,433,976	55,844,703	33,113,401	61,146,124	12,319,015	716,782,754	1,337,408,070
	Group Total	467,635,321	2,476,089,437	5,235,528,191	102,247,036	87,602,379	257,958,880	35,210,801	5,107,135,745	13,769,407,790
Bridge	Bridge	47,039,621	15,715,431	22,622,454	1,430,000	510,510	44,681,651	2,860,000	53,394,670	188,254,338
	Culvert	5,720,000	5,720,000	2,860,000	-	-	5,720,000	-	-	20,020,000
	Group Total	52,759,621	21,435,431	25,482,454	1,430,000	510,510	50,401,651	2,860,000	53,394,670	208,274,338
Water supply & Drainage	Water Supply	561,496,471	348,009,431	255,151,645	140,909,114	27,851,930	528,746,293	3,323,269	1,307,972,698	3,173,460,850
	Drainage	9,727,915	10,111,730	8,186,750	1,257,971	1,195,480	3,389,100	-	21,312,720	55,181,667
	Pump house	3,109,624	3,088,428	5,189,527	113,971	652,080	27,440,482	2,616,900	-	42,211,012
	Group Total	574,334,010	361,209,589	268,527,923	142,281,056	29,699,490	559,575,874	5,940,169	1,329,285,418	3,270,853,529
Irrigation & Land Drainage	Sluices	-	-	-	-	-	31,581,000	-	7,800,000	39,381,000
	Irrigation canal	57,726,240	15,363,880	24,301,763	291,720	6,198,106	66,673,750	-	17,156,213	187,711,673
	Group Total	57,726,240	15,363,880	24,301,763	291,720	6,198,106	98,254,750	-	24,956,213	227,092,673
Dredging & Reclamation	Filling	5,069,350	25,067,900	12,012,000	-	966,680	2,931,500	-	37,125,242	83,172,672
	Group Total	5,069,350	25,067,900	12,012,000	-	966,680	2,931,500	-	37,125,242	83,172,672
Other	Other Construction	27,714,515	22,562,529	19,329,943	10,213,060	2,826,106	35,802,207	8,627,593	55,581,180	182,657,133
	Group Total	27,714,515	22,562,529	19,329,943	10,213,060	2,826,106	35,802,207	8,627,593	55,581,180	182,657,133
Total		4,305,568,088	4,254,437,203	6,467,248,447	1,385,475,138	1,310,599,228	4,315,293,664	553,634,787	8,462,426,649	31,054,683,205

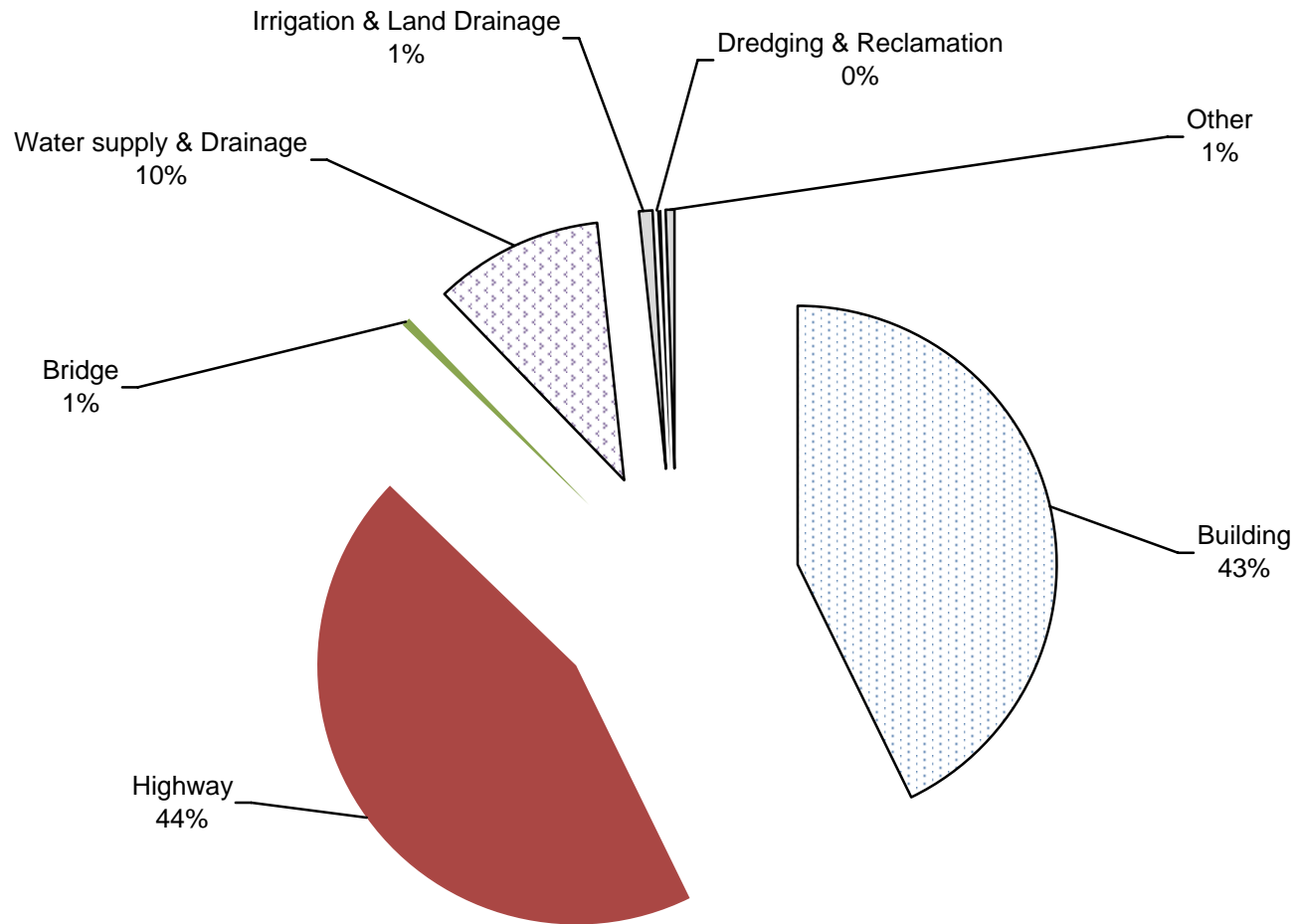
Table 5 : Raw Materials Consumed Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(Private Sector)

Type of Construction Activity		Raw Materials Used (Rs.)								Total (Rs.)
		Cement	Sand	Ruble & Metal	Bricks	Timber	Iron & Steel	Roofing Material	Other	
Building	Housing Units	95,370,481	49,809,654	9,085,617	21,245,032	35,831,387	56,943,987	13,371,738	137,547,093	419,204,989
	Collective living quarters	32,296,707	12,067,284	7,605,904	58,524,446	23,139,554	26,784,827	6,801,049	42,312,164	209,531,934
	Office Building	262,594,644	123,527,667	24,360,925	158,507,300	161,643,679	377,150,571	30,468,175	139,367,285	1,277,620,247
	Market Complex	2,209,350	1,198,340	-	429,000	4,791,687	23,166,000	715,858	7,579,000	40,089,235
	Factories	297,265,437	64,368,976	51,003,341	135,821,609	40,404,999	348,462,632	63,423,466	192,776,189	1,193,526,649
	School Building	478,855,872	274,682,459	96,599,103	159,634,672	86,984,395	154,665,748	103,603,194	193,692,776	1,548,718,220
	Hospital Building	7,045,138	4,074,565	2,564,428	1,585,012	1,655,096	78,419,744	-	61,863,161	157,207,144
	Other Building	883,055,559	418,259,416	366,009,959	233,243,187	375,384,278	843,390,356	52,591,713	297,417,306	3,469,351,774
	Repair & Maintenance	7,587,580	3,138,850	3,833,258	2,016,300	21,744,580	11,440,000	4,290,000	6,506,500	60,557,068
	Group Total	2,066,280,768	951,127,211	561,062,533	771,006,559	751,579,655	1,920,423,865	275,265,193	1,079,061,475	8,375,807,260
Highway	Rehabilitation	7,007,000	14,492,335	30,589,416	-	2,822,908	4,716,069	1,716,000	58,147,785	119,491,512
	New work	2,869,552	2,482,194	429,000	-	2,574,000	1,430,000	2,431,000	251,830,776	264,046,523
	Group Total	9,876,552	16,974,529	31,018,416	-	5,396,908	6,146,069	4,147,000	309,978,561	383,538,035
Bridge	Bridge	2,288,000	1,430,000	-	1,430,000	-	3,432,000	2,860,000	2,860,000	14,300,000
	Group Total	2,288,000	1,430,000	-	1,430,000	-	3,432,000	2,860,000	2,860,000	14,300,000
Water supply & Drainage	Water Supply	202,021,257	103,627,824	80,181,084	76,555,162	21,395,546	269,561,115	3,323,269	481,516,893	1,238,182,148
	Group Total	202,021,257	103,627,824	80,181,084	76,555,162	21,395,546	269,561,115	3,323,269	481,516,893	1,238,182,148
Irrigation & Land Drainage	Irrigation canal	39,136,240	10,530,480	16,150,763	291,720	4,911,106	64,957,750	-	14,868,213	150,846,273
	Group Total	39,136,240	10,530,480	16,150,763	291,720	4,911,106	64,957,750	-	14,868,213	150,846,273
Dredging & Reclamation	Filling	3,067,350	24,209,900	10,868,000	-	966,680	2,931,500	-	20,806,500	62,849,930
	Group Total	3,067,350	24,209,900	10,868,000	-	966,680	2,931,500	-	20,806,500	62,849,930
Other	Other Construction	9,044,464	7,466,602	10,445,864	10,093,512	207,350	17,195,178	8,351,200	7,009,002	69,813,172
	Group Total	9,044,464	7,466,602	10,445,864	10,093,512	207,350	17,195,178	8,351,200	7,009,002	69,813,172
Total		2,331,714,631	1,115,366,547	709,726,661	859,376,953	784,457,244	2,284,647,477	293,946,662	1,916,100,644	10,295,336,817

Table 6 : Raw Materials Consumed Classified by Type of Construction Activity - 2008
(Registered with ICTAD - Western Province)
(Public Sector)

Type of Construction Activity		Raw Materials Used (Rs.)								Total (Rs.)
		Cement	Sand	Ruble & Metal	Bricks	Timber	Iron & Steel	Roofing Material	Other	
Building	Housing Units	79,845,626	19,340,727	10,499,592	16,712,476	27,998,050	348,050,852	23,242,874	5,720,000	531,410,196
	Collective living quarters	17,180,515	1,981,786	130,988	-	-	8,380,140	-	-	27,673,429
	Office Building	193,453,147	106,054,301	101,947,937	68,721,346	80,993,527	286,190,066	53,923,607	137,869,056	1,029,152,987
	Market Complex	8,938,615	2,686,650	1,908,415	2,426,927	4,007,881	6,081,247	183,678	14,204,016	40,437,428
	Factories	531,711	658,458	283,927	-	195,052	5,417,126	251,680	-	7,337,953
	School Building	72,277,126	35,808,018	14,445,484	43,396,523	32,380,592	194,773,716	3,977,597	38,644,574	435,703,630
	Hospital Building	78,558,435	37,141,828	22,919,693	30,260,291	26,554,781	136,739,622	28,191,378	46,561,404	406,927,432
	Other Building	526,870,738	134,328,177	114,884,817	171,071,448	187,290,040	333,169,524	89,908,604	214,891,810	1,772,415,157
	Repair & Maintenance	76,392,349	43,581,281	53,982,788	25,416,696	71,796,380	71,142,644	26,051,612	317,995,847	686,359,598
	Group Total	1,054,048,263	381,581,225	321,003,640	358,005,707	431,216,303	1,389,944,936	225,731,031	775,886,707	4,937,417,811
Highway	Rehabilitation	230,024,331	94,787,009	333,585,799	13,024,523	13,863,021	154,583,848	4,885,226	597,517,110	1,442,270,867
	New work	102,277,997	2,321,016,243	4,581,489,999	33,377,810	35,229,048	36,082,840	13,859,560	3,482,857,320	10,606,190,818
	Repair & Maintenance	125,456,440	43,311,656	289,433,976	55,844,703	33,113,401	61,146,124	12,319,015	716,782,754	1,337,408,070
	Group Total	457,758,769	2,459,114,908	5,204,509,775	102,247,036	82,205,471	251,812,812	31,063,801	4,797,157,184	13,385,869,755
Bridge	Bridge	44,751,621	14,285,431	22,622,454	-	510,510	41,249,651	-	50,534,670	173,954,338
	Culvert	5,720,000	5,720,000	2,860,000	-	-	5,720,000	-	-	20,020,000
	Group Total	50,471,621	20,005,431	25,482,454	-	510,510	46,969,651	-	50,534,670	193,974,338
Water supply & Drainage	Water Supply	359,475,215	244,381,607	174,970,562	64,353,953	6,456,384	259,185,178	-	826,455,805	1,935,278,702
	Drainage	9,727,915	10,111,730	8,186,750	1,257,971	1,195,480	3,389,100	-	21,312,720	55,181,667
	Pump house	3,109,624	3,088,428	5,189,527	113,971	652,080	27,440,482	2,616,900	-	42,211,012
	Group Total	372,312,754	257,581,765	188,346,839	65,725,895	8,303,944	290,014,759	2,616,900	847,768,525	2,032,671,381
Irrigation & Land Drainage	Sluices	-	-	-	-	-	31,581,000	-	7,800,000	39,381,000
	Irrigation canal	18,590,000	4,833,400	8,151,000	-	1,287,000	1,716,000	-	2,288,000	36,865,400
	Group Total	18,590,000	4,833,400	8,151,000	-	1,287,000	33,297,000	-	10,088,000	76,246,400
Dredging & Reclamation	Filling	2,002,000	858,000	1,144,000	-	-	-	-	16,318,742	20,322,742
	Group Total	2,002,000	858,000	1,144,000	-	-	-	-	16,318,742	20,322,742
Other	Other Construction	18,670,051	15,095,927	8,884,079	119,548	2,618,756	18,607,029	276,393	48,572,178	112,843,961
	Group Total	18,670,051	15,095,927	8,884,079	119,548	2,618,756	18,607,029	276,393	48,572,178	112,843,961
Total		1,973,853,457	3,139,070,656	5,757,521,787	526,098,186	526,141,984	2,030,646,188	259,688,125	6,546,326,005	20,759,346,387

Chart 6 : Distribution of Raw Materials Consumed by Type of Construction Activity -2008
(Registered with ICTAD - Western Province)
(All Sectors)



**Chart 7 : Distribution of Some Selected Indicators of All Construction Activities - 2008
(Registered with ICTAD - Western Province)
(All Sectors)**

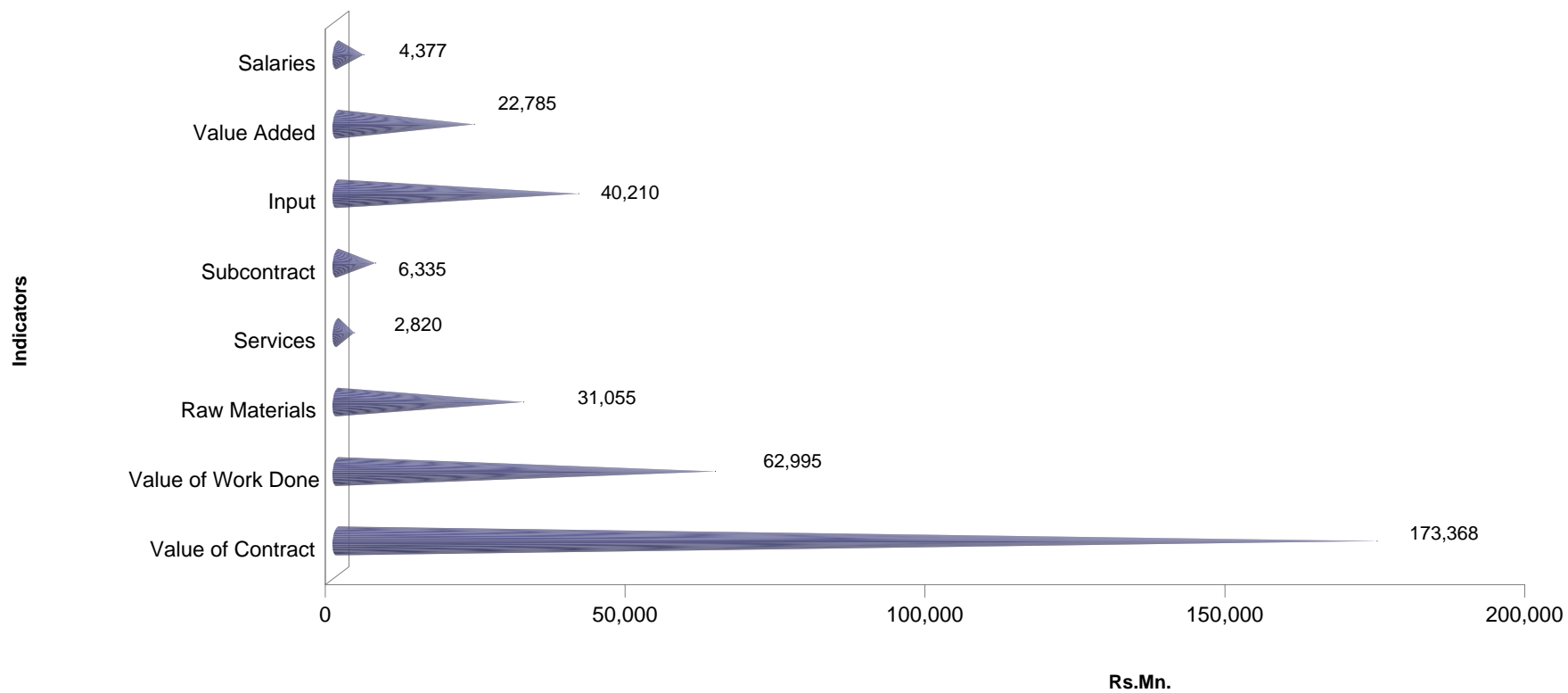


Table 7 : Some Selected Indicators of Construction Activities Classified by Value of Work Done Size Class - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

Value of Work Done Size Class (Rs.)	No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
less than 250,000	17	2,849,244	2,849,244	1,788,075	1,061,169	1,647,549	140,526	-	41	442,863
250,000 - 499,999	40	16,804,592	16,001,267	10,662,076	5,339,191	8,206,039	225,466	2,230,570	176	2,267,268
500,000 - 999,999	45	142,382,628	34,376,183	22,602,466	11,773,716	15,723,902	3,906,017	2,972,547	365	4,958,995
1,000,000 - 14,999,999	405	9,980,906,817	2,500,606,052	1,462,942,201	1,037,663,851	1,125,790,767	168,261,826	168,889,609	6,230	511,090,539
15,000,000 - 49,999,999	228	20,335,843,606	6,333,000,872	3,777,891,516	2,555,109,356	2,542,122,187	225,457,701	1,010,311,628	6,172	887,429,679
50,000,000 & above	231	142,889,289,817	54,108,040,160	34,934,184,540	19,173,855,620	27,361,192,760	2,421,946,724	5,151,045,056	11,417	2,970,763,034
Total	967	173,368,076,704	62,994,873,777	40,210,070,874	22,784,802,903	31,054,683,205	2,819,938,260	6,335,449,410	24,401	4,376,952,378

Table 8 : Some Selected Indicators of Construction Activities Classified by Value of Work Done Size Class - 2008
(Registered with ICTAD - Western Province)
(Private Sector)

Value of Work Done Size Class (Rs.)	No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
500,000 - 999,999	3	2,502,500	2,502,500	1,701,700	800,800	1,630,200	71,500	-	86	343,200
1,000,000 - 14,999,999	87	2,237,555,689	598,561,927	381,279,415	217,282,512	314,209,873	41,110,672	25,958,870	1,500	90,056,259
15,000,000 - 49,999,999	60	2,697,355,335	1,638,551,237	1,106,688,429	531,862,809	897,970,759	51,174,438	157,543,232	2,162	200,746,123
50,000,000 & above	106	71,379,130,137	21,037,906,870	14,341,557,945	6,696,348,925	9,081,525,985	1,969,161,792	3,290,870,168	4,745	1,720,584,148
Total	256	76,316,543,660	23,277,522,534	15,831,227,489	7,446,295,045	10,295,336,817	2,061,518,401	3,474,372,270	8,493	2,011,729,730

**Table 9 : Some Selected Indicators of Construction Activities Classified by Value of Work Done Size Class - 2008
(Registered with ICTAD - Western Province)
(Public Sector)**

Value of Work Done Size Class (Rs.)	No. of Activities	Total Value of Contract (Rs.)	Value of Work Done (Rs.)	Input (Rs.)	Value Added (Rs.)	Raw Materials Consumed (Rs.)	Value of Services (Rs.)	Value of Subcontract (Rs.)	Average No. of Employees	Salaries for Employees (Rs.)
less than 250,000	17	2,849,244	2,849,244	1,788,075	1,061,169	1,647,549	140,526	-	41	442,863
250,000 - 499,999	40	16,804,592	16,001,267	10,662,076	5,339,191	8,206,039	225,466	2,230,570	176	2,267,268
500,000 - 999,999	42	139,880,128	31,873,683	20,900,766	10,972,916	14,093,702	3,834,517	2,972,547	280	4,615,795
1,000,000 - 14,999,999	318	7,743,351,128	1,902,044,125	1,081,662,786	820,381,339	811,580,894	127,151,154	142,930,739	4,730	421,034,280
15,000,000 - 49,999,999	168	17,638,488,271	4,694,449,635	2,671,203,088	2,023,246,547	1,644,151,428	174,283,263	852,768,396	4,009	686,683,556
50,000,000 & above	125	71,510,159,681	33,070,133,290	20,592,626,595	12,477,506,695	18,279,666,775	452,784,933	1,860,174,887	6,672	1,250,178,886
Total	711	97,051,533,044	39,717,351,244	24,378,843,386	15,338,507,858	20,759,346,387	758,419,859	2,861,077,140	15,908	2,365,222,648

**Table 10 : Materials Used Classified by Value of Work Done Size Class - 2008
(Registered with ICTAD - Western Province)
(All Sectors)**

Value of Work Done Size Class (Rs.)	No. of Activities	Raw Materials Used (Rs.)								
		Cement	Sand	Ruble & Metal	Bricks	Timber	Iron & Steel	Roofing Material	Other	Total
less than 250,000	17	305,130	153,020	87,506	150,685	210,210	435,303	184,815	120,879	1,647,549
250,000 - 499,999	40	1,460,119	949,840	534,366	624,648	2,027,225	603,088	807,047	1,199,706	8,206,039
500,000 - 999,999	45	2,500,520	1,917,549	2,202,167	324,392	1,840,518	1,184,141	2,368,930	3,385,685	15,723,902
1,000,000 - 14,999,999	405	195,014,458	118,542,595	107,316,132	53,991,579	98,969,667	267,299,056	54,501,854	230,155,426	1,125,790,767
15,000,000 - 49,999,999	228	472,360,157	275,913,586	317,298,031	88,539,982	145,646,361	529,060,796	79,973,089	633,330,186	2,542,122,187
50,000,000 & above	231	3,633,927,703	3,856,960,613	6,039,810,245	1,241,843,852	1,061,905,247	3,516,711,280	415,799,052	7,594,234,768	27,361,192,760
Total	967	4,305,568,088	4,254,437,203	6,467,248,447	1,385,475,138	1,310,599,228	4,315,293,664	553,634,787	8,462,426,649	31,054,683,205

Chart 8 : Distribution of Value of Sub Contract by Type of Construction - 2008
(Registered with ICTAD - Western Province)
(All Sectors)

