

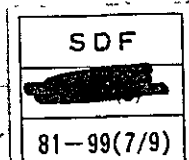
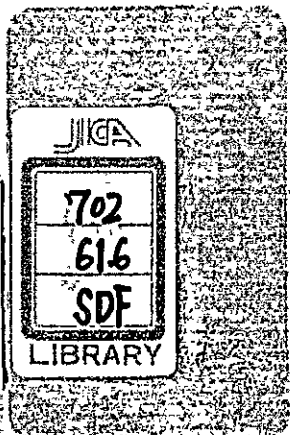
REPUBLIC OF BOLIVIA
BOLIVIAN NATIONAL RAILWAYS
RAILWAY CONSTRUCTION PROJECT, EASTERN LINE
(TAPERAS-ROBORE)

- Vol. 1. Instructions to Bidders
2. General Conditions of Contract
3. Bid Form
4. General Specifications
5. Technical Specifications
6. Special Specifications
7. Bill of Quantities
8. Drawings
9. Form of Agreements

Volume 7.

March, 1981

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial operations. This section also highlights the role of internal controls in preventing fraud and errors.

2. The second part of the document focuses on the implementation of robust risk management strategies. It outlines the need for a comprehensive risk assessment process that identifies potential threats and vulnerabilities. The document stresses the importance of developing effective mitigation plans to minimize the impact of risks on the organization's operations and financial health.

3. The third part of the document addresses the critical role of communication in organizational success. It discusses the importance of clear and consistent communication channels between all levels of the organization. This section also emphasizes the need for regular reporting and updates to stakeholders to ensure they are informed of the organization's progress and challenges.

4. The fourth part of the document discusses the importance of continuous improvement and innovation. It highlights the need for organizations to regularly evaluate their processes and procedures to identify areas for improvement. The document also emphasizes the importance of fostering a culture of innovation and encouraging employees to propose new ideas and solutions to enhance the organization's performance.

5. The fifth part of the document discusses the importance of maintaining strong relationships with external stakeholders, including customers, suppliers, and regulatory bodies. It emphasizes the need for open communication and collaboration with these groups to ensure the organization remains compliant with relevant regulations and meets the needs of its stakeholders.

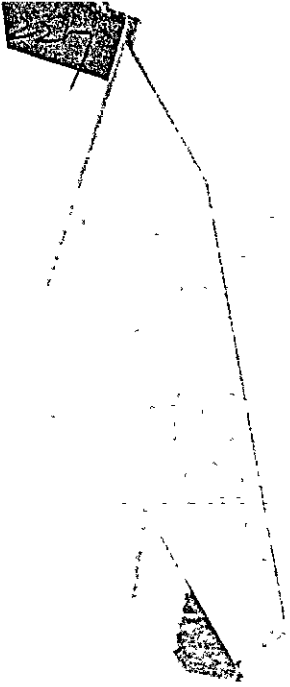
6. The sixth part of the document discusses the importance of maintaining accurate financial records and reporting. It emphasizes the need for a strong system of internal controls to ensure the accuracy and integrity of financial data. This section also highlights the importance of regular audits and reviews to identify any discrepancies or areas for improvement in the financial reporting process.

7. The seventh part of the document discusses the importance of maintaining a strong corporate governance framework. It emphasizes the need for a clear set of policies and procedures that guide the organization's operations and decision-making. This section also highlights the importance of regular communication and reporting to the board of directors and other stakeholders to ensure transparency and accountability.

8. The eighth part of the document discusses the importance of maintaining a strong focus on customer satisfaction and loyalty. It emphasizes the need for organizations to regularly gather feedback from customers and use this information to improve their products and services. This section also highlights the importance of providing excellent customer service and support to ensure customers remain loyal and satisfied.

9. The ninth part of the document discusses the importance of maintaining a strong focus on employee development and engagement. It emphasizes the need for organizations to invest in training and development programs to enhance the skills and knowledge of their employees. This section also highlights the importance of creating a positive work environment that fosters employee engagement and productivity.

10. The tenth part of the document discusses the importance of maintaining a strong focus on environmental, social, and governance (ESG) issues. It emphasizes the need for organizations to regularly assess their impact on the environment, society, and governance. This section also highlights the importance of reporting on these issues to stakeholders and using the information to improve the organization's overall performance and reputation.



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国際協力事業団	
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BILL OF QUANTITIES
Railway Construction Project, Eastern Line (TAPERA – ROBORE)

No.	Item	Unit	Estimated Q'ty	Unit Price		Sum		Total (b\$)	Escalation application formula		Related TS clause
				Domestic currency (b\$)	Foreign currency (U.S.\$)	Domestic currency (b\$)	Foreign currency (U.S.\$)		Domestic currency	Foreign currency	
111	Alignment survey works	Lump sum	1								TS 1.10
211	Subsurface explorations	Lump sum	1								TS 2.07
311	Preparation of Detailed Drawings	Lump sum	1								TS 3.09
411	Clearing and grubbing in sparse forest	m ²	3,129,000								TS 4.03 (5)
412	Clearing and grubbing in thick forest	m ²	1,238,000								TS 4.03 (5)
413	Topsods stripping	m ²	546,700								TS 4.03 (5)
421	Common excavation, waste	m ³	329,500								TS 4.04 (6)
431	Rock excavation, waste	m ³	0								TS 4.05 (6)
441	Structure excavation in earth to a depth of 4.00 m	m ³	6560								TS 4.06 (9)
442	Structure excavation in earth more than a depth of 4.00 m	m ³	0								TS 4.06 (9)
443	Structure excavation in rock to a depth of 4.00 m	m ³	170								TS 4.06 (9)
444	Structure excavation in rock more than a depth of 4.00 m	m ³	500								TS 4.06 (9)
445	Addition to the prices of Items Nos. 441; 442; 443; and 444 for Structure excavation where water is present.	m ³	250								TS 4.06 (9)

No	Item	Unit	Estimated Qty	Unit Price		Sum		Total (b\$)	Escalation application formula		Related TS clause
				Domestic currency (b\$)	Foreign currency (U.S.\$)	Domestic currency (b\$)	Foreign currency (U.S.\$)		Domestic currency	Foreign currency	
711	Manufacture and transportation of steel plate girder of 20.00 m in span length	span	18								TS 7.17
712	Fabrication and erection of steel plate girder of 20.00 m in span length	span	18								TS 7.17
811	Manufacture and transportation of 37.2 kg/m rails	m	214,600								TS 8.03; 8.04; 8.18
812	Manufacture and transportation of turnout # 10 single switch of 37.2 kg/m rail.	set	16								TS 8.03; 8.04; 8.18
821	Construction of single main track, including rail accessories, ties and ballast	m	104,800								TS 8.04; 8.13; 8.14; 8.15; 8.18
822	Construction of single side track, including rail accessories, ties and ballast	m	2,470								TS 8.04; 8.12; 8.13; 8.14; 8.15; 8.18
823	Construction of turnout of # 10 single switch, including turnout accessories, ties and ballast	set	16								TS 8.04; 8.13; 8.14; 8.15; 8.18
831	Installation of track signs	Lump sum	1								TS 8.11; 8.18
911	Station building, including residence and utilities	Location	4								TS 9.06
1011	Installation of electric pole	each	1,020								TS 10.05
1012	Installation of telephone cable	m	102,000								TS 10.05
1013	Installation of telephone instruments	Lump sum	1								TS 10.05

No.	Item	Unit	Estimated Qty	Unit Price		Sum		Total (b\$)	Escalation application formula		Related TS clause
				Domestic currency (b\$)	Foreign currency (U.S.\$)	Domestic currency (b\$)	Foreign currency (U.S.\$)		Domestic currency	Foreign currency	
1111	Masonry work	m ³	0								TS 11.01
1121	Dry Riprap	m ³	810								TS 11.02
1122	Grouted Riprap	m ³	0								TS 11.03
1131	Wire gabion	m ³	0								TS 11.04
1141	Levelling concrete	m ³	180								TS 11.05
1151	Linking new main track to existing main track	Lump sum	1								TS 11.06
1161	Construction and Removal of temporary main track	Lump sum	1								TS 11.07
1211	Mobilization and Demobilization	Lump sum	1								GS 12; 22; 24; 25; 26
1221	Construction and maintenance of traffic	Lump sum	1								GS 31 & 32 21; 29; 30; 31; 32 TS 4.04 (6); 4.05 (5)

Handwritten text, likely bleed-through from the reverse side of the page. The text is extremely faint and illegible due to the quality of the scan. It appears to be organized into several paragraphs or sections, but the specific content cannot be discerned.

