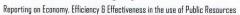


मुव्यम्बदुरः हैश्वःबैनः द्वरः वहिं ब्रा ROYAL AUDIT AUTHORITY

Bhutan Integrity House





RAA/GGD (OA-01) CSO/DPAB-Project/2017/\ \ \O \ \6 \ 2___

Date: 6 4 17

The Executive Director
Disabled Persons' Association Bhutan (DPAB)
Thimphu

Subject: Audit Report on the Accounts and Operations of the Organization Development Project, Disabled Persons' Association of Bhutan, Thimphu for the period +01/01/2016 to 31/12/2016

Madam.

Enclosed herewith please find the audited *financial statements and auditor's report thereon* in respect of **the Organization Development Project, Disabled Persons' Association of Bhutan, Thimphu** for the year ended 31st December 2016. The audit was conducted as required under the Audit Act of Bhutan 2006 and as per the RAA's Policy on Outsourcing Audits.

Auditor's Report on the Financial Statements

As may be noted from the Auditor's Report, the Organization Development Project, Disabled Persons' Association of Bhutan, Thimphu had generally maintained proper books of accounts, and the financial statements were in agreement with accounting records. Accordingly, we have issued unmodified (clean report).

The RAA acknowledges the kind co-operation and assistance extended to the audit team by the officials and staff members of the **DPAB** which facilitated the timely completion of the audit.

Yours sincerely,

(Dechen Pelden)
Assistant Auditor Genera

General Governance Division

Copy to:

- . The Assistant Auditor General, PP&AARD, Thimphu
- 2. The Assistant Auditor General, FUCD, RAA, Thimphu
- 3. The Assistant Auditor General, GGD, RAA, Thimphu
- 4. Secretary, Civil Society Organization Authority, Thimphu

AIN: 14541

Audit Report on the Accounts & Operations of the Organization Development Project under Disable Persons'
Association of Bhutan

(Period: 01.01.2016 to 31.12.2016)

April, 2017

Title Sheet

1.	Title	Audit Report on the Accounts and Operations of the Organization Development Project under Disabled Persons' Association of Bhutan
2.	Head of the Agency	 Sonam Deki, Interim Executive Director (01.01.2016 to 31.08.2016) CID # 11911001272, Sonam Jamtsho, Executive Director (01.09.2016 till 31.12.2016) CID # 10711002077
3.	Drawing & Disbursing Officer	Sonam Jamtsho, Executive Director (01.09.2016 till 31.12.2016) CID # 10711002077
4.	Finance Personnel	Sonam Deki, Adm.&Finance Officer(01.01.2016 to 31.12.2016) CID # 11911001272
5.	Period of Audit	01.01.2016 to 31.12.2016
6.	Schedule of Audit	10.03.2017 to 15.03.2017
7.	Engagement letter	RAA(OSA-01)/AC/2017/716, Dated:8 th March, 2017
8.	Audit Team	1) Bishnulal Gurung, Team Leader CID No. 11216002731 2) Ugyen Rinchen, Member CID No. 11513003928
		3) Chimi Payday, Member CID No. 11410001856
		4) Karma Wangchuk, Member CID No. 10202001151
		5) Phub Gyeltshen, Intern CID No. 11407001593
10.	Supervising Officer	Bishnulal Gurung, Team Leader
11.	Date of Audit Exit Conference	17.03.2017
12.	Focal Person	Chimi Payday, Email: cpayday123@gmail.com Mobile: +975 17743022



BUSINESS ACCOUNTING SERVICES ENTERPRISE

Post Box: 238,THIMPHU: BHUTAN Telephone: 02 350219, Mobile #: 17600396

DISCLAIMER

The coverage of this report is based on the facts, figures and information made available and accessible to the team by the Management of the Organization Development Project under Disabled Persons' Association of Bhutan (DPAB), Thimphu, during audit. The opinion of the auditors shall confine to the period covered and the information made available till the date and time of issue of this report.

This is to certify that during the audit the auditors have neither yielded to pressure nor dispensed any favor or resorted to any unethical means that would be considered as violation of code of Good Conduct, Ethics and Secrecy of the Auditors.

ACRONYMS

DPAB : Disabled Persons' Association of Bhutan

CID No : Citizenship Identity Number

EID No : Employee Identity Number

MoF : Ministry of Finance

CSO : Civil Society Organization

CSOA : Civil Society Organization Authority

RGoB : Royal Government of Bhutan

RAA : Royal Audit Authority

SOE : Statement of Expenditure

Contents

Contents	
AUDITOR'S REPORT ON THE FINANCIAL STATEMENTS OF THE ORGANI. DEVELOPMENT PROJECT UNDER DISABLED PERSONS' ASSOCIATION OF B. THIMPHU FOR THE FINANCIAL YEAR ENDED 31 ST DECEMBER, 2016	HUTAN,
FINANCIAL STATEMENT	
Receipt & Payments	
Schedule	9
List of Fixed Assets	10
NOTES ON ACCOUNTS:	13
AUDIT FINDINGS ON THE ACCOUNTS AND OPERATIONS THE ORGANI. DEVELOPMENT PROJECT UNDER OF DISABLED PERSONS' ASSOCIATION OF B. THIMPHU FOR THE PERIOD 01.01.2016 TO 31.12.2016	HUTAN,
PART I: ACHIEVEMENTS	
APPENDICES	17
A. PROFILE	17
B. OBJECTIVES OF AUDITING	18
C. AUDITING METHODOLOGY	19
A second of the	
The control of the co	
A series of the second area of the series of	

and the complete of the common property of the common section of t



BUSINESS ACCOUNTING SERVICES ENTERPRISE Post Box: 238, THIMPHU: BHUTAN Telephone: 02 350219, Mobile #: 17600396

AUDITOR'S REPORT ON THE FINANCIAL STATEMENTS OF THE ORGANIZATION DEVELOPMENT PROJECT UNDER DISABLED PERSONS' ASSOCIATION OF BHUTAN, THIMPHU FOR THE FINANCIAL YEAR ENDED 31ST DECEMBER, 2016

We have audited the accompanying financial statements of the Organization Development Project under Disabled Persons' Association of Bhutan (DPAB), Thimphu, which comprise Receipts and Payments and schedules forming part of the financial statements for the financial year ended 31st December 2016, as required under the Audit Act of Bhutan 2006 and as per Terms of Reference issued by the RAA vide letter Ref. No. RAA(OSA-01)/AC/2017/716, Dated: 8th March, 2017.

Management's responsibility for the Financial Statements

The management is responsible for the preparation and fair presentation of these financial statements in accordance with the Generally Accepted Accounting Principles. This responsibility includes designing, implementing and maintaining internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement, whether due to fraud or error, selecting and applying appropriate accounting policies, and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted the audit in accordance with RAA's Auditing Standard and Generally Accepted Accounting Principles. Those standards require that we comply with the ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements.

Scope of Audit

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment including the risk of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements, in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on effectiveness of the entity's internal control system. An audit also includes evaluation of the appropriateness of the accounting policies used and the reasonableness and accounting estimates made by the management, as well as evaluating the overall financial statement presentation.

We believe that the evidence obtained by us is sufficient and appropriate to provide a basis for our opinion.

Opinion

In our opinion, the financial statements present fairly, in all material respects the financial position of the Organization Development Project under Disabled Persons' Association of Bhutan, Thimphu as at 31st December, 2016 and its financial performance for the year then ended in accordance with the Generally Accepted Accounting Principles.

For Business Accounting Services Enterprise

Ugyen Rinchen

(Auditor)

Dated : 05/04/2017

Place : Thimphu

FINANCIAL STATEMENT

DISABLE PERSONS' ASSOCIATION OF BHUTAN

RECEIPT AND PAYMENT STATEMENT FOR THE YEAR ENDED 30.12.2016 Normisjon Project (Organization Development Project - DPAB)

		Amour	us in Nguurum
	Schedule	2016	2015
RECEIPT		627,414.24	Lines (State
I. Opening Balance		4,964.00	81,687.00
1. Cash		315 06 - 32	
2. Bank (BoBL: New A/c no. 100926866)		4,964.00	81,687.00
II. Transfer of fund from Norway (Norad + Normisjon)	1	3,698,847.64	4,000,797.00
A. Total Receipt (I+II)		3,703,811.64	4,082,484.00
PAYMENT		133,840,00	118.435.0
III. Expenditure		3,647,205.30	4,077,520.00
1. Capital Expenses	2	198,840.00	115,635.00
2. Operating Expenses	3	3,448,365.30	3,961,885.00
B.Total Payment (III)		3,647,205.30	4,077,520.00
IV. Closing Balance (A - B)		56,606.34	4,964.00
1. Cash		197 (0)4 (1)	
2. Bank (BoBL: New A/c no. 100926866)		56,606.34	4,964.00

Prepared by:

Approved by:

(Sonam Deki) Finance Officer

(Sonaar Gyamtsho) Executive Director



Schedules	forming part	of the I	Receint &	Payment Account
Schedules	TOT HITTED DATE		veccibi or	ravinent Account

Schedules forming part of the Receipt & Layment A	essential Production	Amount in Ngultrum	
		12/31/2016	12/31/2015
Schedule 1		12/31/2010	12/31/2013
Transfer of fund from Norway (Norad + Normisjor)		
1st Installment dated 3.3.2016 & 30.04.15	,	915,024.24	1,422,250.00
2nd installment dated 27.5.2016 & 20.08.2015		1,507,102.52	1,562,797.00
3rd installment dated 22,9,2016 & 12,11,2015		627,414.24	1,015,750.00
4th Installment dated 18.11.2016		310,245.12	1,013,730.00
5th Installment dated 06.12.2016		339,061.52	
(2) · · · · · · · · · · · · · · · · · · ·	TOTAL	3,698,847.64	4,000,797.00
Schedule 2			
Capital Expenses			
Equipment		90,850.00	53,700.00
Furniture & Fixture		107,990.00	61,935.00
	TOTAL	198,840.00	115,635.00
Schedule 3			
Operating Expenses			
Expenses for expatriates/Meetings		25,000.00	
Payroll expenses local staff		819,000.00	773,005.00
Local Audit		0.600	-
Consultant(Assessment/Within Bhutan)		91,300.00	102,740.00
Evaluation		197,000.00	
Administration(utilities), Office Rent, Internet etc.		396,945.00	353,789.00
Out Put 1-Strengthen and Capacity Building of DPAB		558,327.00	674,163.00
Out Put 2-Registration of Disabilities		370,980.00	850,000.00
Out Put 3-Support/Rehabilitation Services		645,543.00	316,732.00
Out Put 4- Enhance Awareness and advocacy		244,585.00	698,599.00
Out Put 5-Strengthen Women's empowerment		99,635.30	192,857.00
Bank Charges		50.00	
	TOTAL	3,448,365.30	3,961,885.00



te of	Particulars	Amount	
rehase			
miture		2.092	
19.11	Computer Table(2 Nos)	3,982 9,500	
9.11	Steel Almirah	3,500	
19.11	Deewan(2 nos)	2,767	
9.11	Chodrom(2 Nos)	6,697	
19.11	Revolving Chair	5,400	
1.12.11	File Rack	2,299	
12.11	Plastic Chair with cushion(5 Nos)	7,500	
5.13	Sign Board	2,500	
5.13	*Sign Board -small with pole	3,500	
5.13.	Sign Board pole	4,480	
12.13	Hard Drive(1000 GB)	6,996	- Inches Consideration
9.14	Manager's Table	15,000	
7.15	Sign Board with iron pole & roof	15,000	
			edia di Idan
uipment	The horizon OCD	1,000	e de la loren
0.10.11	Thumb Drive -8GB	500	e the children
211	Thumb Drive -2 GB	95	
3.7.11	Punching Machine Extension Cord	675	
7.7.11	APC Back Up(1 No)	5,476	
9.9.11	Printer (Brother)	13,000	
9.9.11	Computer(Dell)-1set	26,233	
9.9.11	Stapler	117	
9.9.11	Telephone set	500	
9.9.11	Fax Machine(KX FA 701)	7,500	
5.11.11	Panel Heater	3,350	•
0.11.11	Stapler	80	
0.12.11	Computer(Déll)-1set	27,200	
0.12.11	Heavy Duty Punching Machine	995	
0.12.11	Heavy Duty Stapler	1,025	
5.5.13	Heater 4 size	1,100	
4.12:13	Lap Top	41,750	
2.9.14	Brailler(Classic)	35,000	
9.2.14	Hard Drive(1000 GB)	4,480	
7.2.17	1 pair Sound Box(Big)	55,000	
	1 pair Sound Box(Small)	25,000	
	2 pcs Amplifier	44,000	
	1 pc Mixer	27,000	
	1 No Key Board	14,000	
7.2.14	1 No.Guiter	2,500	
	7 pcs Micro phone	17,500	
	Wires & Connectors	10,000	
	Stablizer	5,500	
	Mic Stand	3,800	
	Dramngyen 3 Nos	9,000	
2212	Chiwang 2 nos	8,000	
23.2.13	2 Nos Flute	250	
	2 Nos Yangchen	15,000	
24.12.13	Punching Machine	1,050	
5.5.14	5 nos Scissors	120	
26.6.14	3 Nos Punching Machine	105	
•	जुला द्वार रे के	A. A	

.

......



L Inventory stock/list of fixed assets per 31.12.2016 (Normisjon Project)

	Particulars	Amount	REMARKS
urniture			
	Conference table set(6pcs) @ 9,075	54,450	
31.8.15	Conference table for Chair Person	12,095	
6.6.16	File Rack	3,200	
5:9.16	Steel Cupboard	13,190	
	Executive Chair (Black)	13,500	
15.9.16	Executive Table (Black)	25,990	
19.9.16 •	Wooden Projector Stand	3,300	
20.0.16	2 sets of deewan with cushion @ 5700	11,400	
29.9.16	2 Nos Chodrom @ 2700	5,400	
3.10.16	Wooden Book Shelve	8,500	
12.10.16	Steel Cupboard	15,010	
26.10.16	Wooden Book Shelve	8,500	
quipment			
15.4.14	Mini Display port to VGA	4,000	
15.4.14	Project Infocus	40,600	
15.4.14	TP-Link	4,480	
15.4.14	Mac book Air with accessories	79,000	
15.4.14	USB(3 nos)	1,990	
15.4.14	PCI Express	3,480	
15.4.14	Optical Wireless Mouse (2 nos)	3,470	
13.4.14	Thumb Drive 16 GB	1,085	
13.4.14	Printer 2515	9,500	
13.4.14	Dell Laptop core-i5,Ram 4GB	40,800	•
13.4.14	Extension Cord	1,100	
13.4.14	Digital Camera	30,000	
14.4.14	Mac Book Air with accessories	79,000	
15.5.14	Thumb Drive 160 GB	1,200	
10.6.14	Socket 16 amp(4 nos)	580	
10.6.14	switch board with wire	690	
20.6.14	Heater Laminox	8,300	
26.6.14	2 Nos Heater(Laminox)	8,300	
29.8.15	Hitachi Vacum Cleaner	9,700	
9.9.15	PABX(telephone)	44,000	
22.6.16	2 Nos Media Converter @ Nu.4950	9,900	
26.6.16	Wireless Access point	7,600	
28.6.16	Cisco Router(Purchased from Bhutan Telecom)	43,800	
12.10.16	Laser Jet Pro Printer	29,550	



Date of	stock/list of fixed assets per 31.12.2016 (DPAB) Particulars	Amoun	f
Furniture		Amoun	· ·
26.6.14	Plastic Chair with Arm Rest & Cushion(15 Nos)	49,020	
1.1.15	Computer Table(2 Nos)	3,909	
1.1.15	Manager's Table	8,509	
1.1.15	Writing Table	5,009	
15.5.15	Revolving Chair(2 Nos)- Low Back	550	THE RESERVE OF THE
- are or	tock/list of fixed assets per 31.12.2016 (Donation) Particulars		
Furniture	Lite movies a second	Amount	
.1.14	Steel Almirah	11 500	Donated by save the children
6.12.16	Revolving Chair(2 Nos) @ Nu.7800/-		
Equipment	70	13,000	Donated by Mr. Ugyen Samdrup
.1.14	Computer(Dell)-1set	27,000	Donoted by a deal of 1911
.1.14	Panel Heater(1 No.)	27,000	Donated by save the children
.1.14	Telephone set	3,330	Donated by save the children Donated by save the children

Note:The Furniture and Equipment purchased for Normisjon Project is also used for office.



WOTES ON ACCOUNTS:

Significant Accounting Policies

- 1. These accounts have been prepared in accordance with Generally Accepted Accounting Framework vis-a-vis Financial Rules and Regulation of the Government of Bhutan 2001.
- 2. DPAB, being a non-profit organization accounts are prepared on cash basis and the income is recognized on the date of receipt and presented its financial statement as Receipts and Payments Account with schedules to show the details of the account.
- 3. Account balances of the prior year such as balance of Fixed Assets, current asset items are maintained separately.
- 4. Most of the Fixed Asset items including items received through donations are enlisted.
- 5. Its financial year ends on 31st December each year.
- 6. All the funds for the project are received from Norad + Normisjon, Norway as donation.

AUDIT FINDINGS ON THE ACCOUNTS AND OPERATIONS OF THE ORGANIZATION DEVELOPMENT PROJECT UNDER DISABLED PERSONS' ASSOCIATION OF BHUTAN, THIMPHU FOR THE PERIOD 01.01.2016 TO 31.12.2016

PART I: ACHIEVEMENTS

- Awareness on disability issues through following International Events& Awareness Program (National & International);
 - Executive Member and 3 students and escort teacher from Wangsel Institute (Deaf Institute) participated in the International Cultural Exchange Programme at New Delhi, India in November 2016.
 - 1 staff and 2 from Music group participated at Anjali Festival (Cultural Exchange Programme) at Orrisa, India.

We have set up stall for three days at CSO fair in Thimphu:

- Live Music Program and Movie on Disability was shown at Jakar Higher Secondary School to students and Public and Vocational Training Centre at Bumthang, Public and Middle Secondary students at Dagana, Public and Higher Secondary students at Haa, Public & Drugyel Higher Secondary students and trainees of National Institute of Education at Paro, students of Language University & Nunnery at Trongsa, Public & Middle Secondary students at Tsirang by giving transportation support to the Music group.
- International Day of Persons with Disabilities on 3rdDecember 2016 at Tendu Central School which has special need children. More than 1000 people gathered for the celebration. Music group, Chairperson and the staff of DPAB attended. We have screened Movie on Disability at Army camp to Armies and their families.
- 2. Data for the registration of PWDs in 20 District will be compiled with our Annual Report of 2015-2016 for future reference.
- 3. Painting competition among physical Disability and hearing impaired students/ at Wangsel Institute, Paro in collaboration with Nehru Wangchuck Centre Indian Embassy,

Thimphu on the topic "Inclusion is Happiness/Inclusive Society". 42 students (38 students from Wangsel Institute, Drugyel, Paro and 4 from Draktso Vocational Training Centre, Thimphu) - 13 Female & 29 Male took part in the painting competition.

- A consultative meeting on the data collection for Incheon Strategy indicators was held at DPAB conference attended by the delegates from the UNESCAP, Ministry of Health and other four relevant CSOs on 28th October, 2016.
- DPAB provided transportation and daily living allowances as well as assistive devices for 7(Seven) disabled patients- 2 male + 5 female from remote places who could not afford to travel and to attend specialized medical services.
- Staff and volunteers of DPAB modified a home for1 physically disabled person with the initiative by DPAB staff in Thimphu.
- 7. Helped 7(Seven) members to avail timely medical services for various medical issues.
- Education support for 47 students including 7 visually impaired children sponsored by DPAB patron are being continued (21 Female & 26 Male) from Primary School to University.
- 9. Staff Capacity Building:
 - Adm & Accounts attended 5 days Financial Management basics rights at Mandala Hotel, Paro.
 - IT Assistant attended ICT training program held in Penang, Malaysia which aimed to provide ICT based knowledge and skills to visually impaired and low vision individuals in Asia and the Pacific w.e.f 9.7.16 till 23.7.2016.
 - Assistant Programme Officer completed 3(three) months training on community initiatives in inclusion at ADAPT, Mumbai, India. As a result of her training, she conducted a day workshop on Inclusion and Inclusive Education to 14 staff of DPOs in Thimphu and also a day workshop at Nunnery in Paro.
 - Assistant Programme officer attended training on Regional Training on Advancing Inclusion and Annual Review meeting at Bangkok on w.e.f 1.10.2016 to8.10.2016.
- 10. Independence living skill training is given to 1 youth in Music, 3 low Vision in office Management.

- II. Continue providing assistive devices (Wheel Chair, Crutches, walking stick etc.) to PWDs.
- 12. Mid Term Evaluation is completed and recommendations are implemented.
- 13. DPAB is glad to coordinate a meeting of our delegates from DIGNI and Normisjon with our Prime Minister.
- 14. DPAB is again receiving equipment from Physio net, United Kingdom in march 2017
- 15. DPAB led by Executive Director is exploring Collaboration and support from Local & International Donors

-An inclusive Bhutanese society that recognizes and respects the rights and needs of all Vision persons living with disabilities in Bhutan, and promotes their long-term physical, psychological and social wellbeing"

Mission

To facilitate the provision of inclusive education and improve the living conditions of persons with disabilities in Bhutan so that they can meaningfully participate in social, economic and political front".

Objectives

- To raise awareness of an advocate for the rights of persons in Bhutan with disabilities
- To enhance the education and capacity of persons with disabilities
- To improve the quality of life and living conditions of persons with disabilities
- To facilitate communication, coordination and collaboration with relevant organizations within and outside the country.

B. OBJECTIVES OF AUDITING

- To express an opinion as to whether the financial statements of the Organization Development Project under Disabled Persons' Association of Bhutan, presents a true and fair view of the results of operations;
- To determine that the Receipts & Payments correctly reflect the financial operations in accordance with the financial rules and budgetary norms and whether the agency has complied with the laws, policies, rules and regulations issued by the government from time to time;
- To determine whether the agency has been managing and utilizing its financial resources economically and efficiently; III.
- To determine whether the desired results or benefits established by the agency IV. are being achieved; and
- To determine whether the taxes and levies are realized accounted accurately.

Disabled Person's Association of Bhutan (DPAB) is one of the first registered Disabled Person's Organization (DPOs) in Bhutan initiated by persons with disabilities dedicated to the service of all persons with disabilities in the country. Founded under the patronage of His Royal Highness Prince Namgyal Wangchuck, who established the first National School for the visually impaired in 1973, DPAB endeavors to look into addressing the needs and concerns of persons with all types of disabilities in Bhutan, mainly through awareness program and the provision of appropriate facilities and services that can enable them to live a productive life.

Very little data is available on the prevalence and types of disabilities in Bhutan. The Population and Housing Census 2005 found 21,894 persons with disabilities or about 3.4 per cent of the population. The two-stage child disability study from age 2-9 conducted in 2010-2011 by Ministry of Education, Ministry of Health, National Statistic Bureau and UNICEF has indicated that about 21.3 percent of the children are with risk of disabilities in Bhutan.

Extended Bhutanese families have served the basic needs of the disabled persons traditionally. However, with development this support base is fast dwindling due to changes in the family structure, rural urban migration and breaking down of community bondages. Persons with disabilities are facing the double burden of having to fend for themselves as well as compete for limited vacancies in the increasingly skilled job market.

These issues are further heightened by the country's mountainous terrain and lack of adequate infrastructure. Only one school for the blind, National Institute for the Visually Impaired (NIVI), a school for deaf, six integrated schools for children special learning needs and one vocational school for children with disabilities exist now in the Bhutan. Consequently, thousands of persons with disability are lacking any access to education and other support services.

To address the growing needs of persons with disabilities and to complement the efforts of the royal government, the Disabled Persons Association of Bhutan was registered as a civil society organization on 26 November 2010 by a group of visually impaired persons.

CAUDITING METHODOLOGY

- I. Reviewing internal controls in place in the system;
- II. Inspection and examination of the records, documents and financial statements;
- III. Determining if the rules and regulation that are in force have been complied with;
- IV. Seeking relevant information from knowledgeable person inside and outside the Organization;
- V. Checking the arithmetical accuracy of the accounting records; and
- VI. Conducting the physical verifications of assets, stores and undertaking site visits and take measurements of the constructions.