### 8. Other Activities Achievements

- 8-1. Capacity Assessment
- 8-2. Building Inventory
- 8-3. Test Work
- 8-4. Structural Experiment
- 8-5. RMG Project
- 8-6. Domestic Training Materials and Syllabus
- 8-7. Handout of Work Shop/ Seminar
- 8-8. Publicity materials



1st year

1 st year (Base line Data)
Individual Aspect (Working Team 1)

### Name of the C/P and his/her position: Mr. Ali Newaj, Team Leader of Component 1 (Executive Engineer, Survey Division, Project Circle 1)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The 'Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments	Ra	ting
	No.		(Yes or No)		C/P	Е
1.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience in GIS operation. We do not	1	1
				have any GIS software. Training is needed.		
1.1.2	6,18,32	Vulnerability assessment of the existing buildings	No	Not at all. Training is needed	1	1
1.1.3	8	Further study of BNBC for vulnerability assessment	No	Not at all. Study of BNBC is needed	1	1
1.1.4	8	Further study of foreign codes for vulnerability assessment	No	Not at all. Study of BNBC is need	1	1
1.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Not at all. Training is needed.	1	1
		the existing buildings		_		
1.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Not at all. Training is needed.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Ra	ting
	No.		(Yes or No)		C/P	Е
1.2.1	8	Further study of BNBC, foreign codes, manuals and other	Yes	Studied about the section of building	2	2
		existing literatures related to construction as well as the		construction in BNBC. Study is needed for		
		retrofitting design for the buildings against natural disasters		improving knowledge.		
1.2.2	9	Further study of current methods for designing (planning)	No	Not at all. Study is needed for improving	1	1
		for new buildings against retrofitting the existing buildings		knowledge		1
		against natural disasters				
1.2.3	9	Further study of current methods for designing (planning)	No	Not at all. Study is needed for improving	1	1
		for retrofitting the existing buildings against natural disasters		knowledge		
1.2.4	10.1	Development of new method for designing the public	No	Not at all. Study is needed for improving	1	1
		buildings against natural disasters		knowledge		l
1.2.5	10.1	Development of new method for retrofitting the public	No	Not at all. Study is needed for improving	1	1
		buildings against natural disasters		knowledge		
1.2.6	11, 19, 21	Preparation of design manual for designing the public	No	Not at all. Study is needed for improving	1	1
		buildings against natural disasters		knowledge		ı
1.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Not at all. Study is needed for improving	1	1
		buildings against natural disasters		knowledge		

1.2.8	20,34	Preparation of design documents including drawing for	No	Not at all. Study is needed for improving	1	1
		retrofitting the existing buildings against natural disasters		knowledge		

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
1.3.1	10-1,10-2	Material test such as strength test of concrete core	Yes	Have experience in concrete slump test.	2	2
				More training is needed		
1.3.2	21, 22-1,	Preparation of manual for the retrofitting works	No	Not at all. Never prepared any manuals.	1	1
	31-2			Training is needed		

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
1.4.1	12	Further study of quality assurance system	Yes	Not know about ACI. Through working.  Material test. Concrete test. More study is needed	3	3
1.4.2	12.24	Preparation of checklist for ensuring quality assurance during designing (planning ) for new building	No	Have not seen such checklist. More study is needed	1	1
1.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Have not seen such checklist. More study is needed	1	1
1.4.4	12,24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Have not seen such checklist. More study is needed	1	1
1.4.5	12,24	Preparation of checklist for ensuring quality assurance during the retrofitting work	No	Have not seen such checklist. More study is needed	1	1
1.4.6	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Have experience in construction management. Have tried to prepare such guidelines to some extent. Further training is needed	2	2
1.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Have experience in construction management. Have tried to prepare such guidelines to some extent. Further training is needed	2	2
1.4.8	24	Guidelines for ensuring quality assurance during designing (planning) for retrofitting	No	No experience in preparation of such manuals. Training is needed	1	1
1.4.9	24	Guidelines for ensuring quality assurance during retrofitting work.	No	No experience in preparation of such manuals. Training is needed	1	1
1.4.10	25-1	Preparation of materials for the training on quality assurance	No	Never. Training is needed	1	1
1.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	Never. Training is needed	1	1

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	1 35-1 35-2	quality		1	
	33-1, 33-2	quanty		, ,	
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Code	Work Item	Assessment Item	Experience	Comments	Ra	ting
	No.		(Yes or No)		C/P	Е
1.5.1	13,27,37,41 ,43	Conduct of seminar / workshop for the PWD works to be disseminated to other relevant organizations.	No	No Experience	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
1.5.3	26,36,40	Lecture on vulnerability assessment of the existing building	No	No Experience	1	1
1.5.4	26,36,40	Lecture on designing (planning ) of the new public buildings against natural disasters	No	No Experience	1	1
1.5.5	26,36,40	Lecture on designing (planning ) of the existing public buildings against natural disasters	No	No Experience	1	1
1.56	26,36,40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: <u>Survey items from the "awareness" aspect</u>: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2 " when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Code	Assessment Item	Willingness	Comments	Rat	ing
		(Yes or No)		C/P	Е
1.6.1	I am (this C/P is ) willing to prepare/hold the project-related meetings such	Yes	After gathering experience I am able to do	4	4
	as JCC, seminar/workshop.		this to some extent.		
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as	Yes	After gathering experience I am able to do	4	4
	progress report, completion report.		this to some extent.		
1.6.3	I am (this C/P is ) willing to do promote public awareness activities on	Yes	After gathering experience I am able to do	4	4
	retrofitting of the existing buildings. I am (this C/P is ) willing to ask for		this to some extent.		
	other related organizations' cooperation in promotion of such activity.				
1.6.4	I am (this C/P is) willing to use experience of C/P training in Japan" for	Yes	After gathering experience I am able to do	4	4
	daily work.		this to some extent.		

### Name of the C/P and his/her position: Mr. Md. Akhsanul Islam. Component 1 (Executive Engineer, Design Division II Design Circle -1, appointed in January 2011, was originally the staff at Bangladesh Water Development Board: BWDB

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C-1-	Work Item	A T4	Experience	G	Rating	
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3 5 17 30	Preparation of inventory for the public buildings using GIS	No	Have used Arcview 3.2 for irrigation work. Have used for irrigation works when in BWDB. No	1	1
1.1.1	3, 3, 17, 30	reparation of inventory for the public buildings using O13		experience		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	NO experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	NO experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	NO experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	NO experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experience	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rati	ng
Code	No.	Assessment Item	(Yes or No)	(o)		E
		Further study of BNBC, foreign codes, manuals and other existing	Yes	Self-study. Have some idea on EQ resistant		
I.2.1	8	literatures related to designing as well as the retrofitting design for		building in BNBC. Need more training and	2	2
		the buildings against natural disasters		guidance		
I.2.2	O	Further study of current methods for designing (planning) for new	Yes	Self-study. Need more training and guidance	2	2
1.2.2	9	<u>buildings</u> against natural disasters			2	2
I.2.3	Q	Further study of current methods for designing (planning) for	No	No experience. Need more training and guidance	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings	No	No experience. Need more training and guidance	1	1
1.2.4	10-1	against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings	No	No experience. Need more training and guidance	1	1
1.2.3	10-1	against natural disasters			1	1

I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience. Need more training and guidance	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience. Need more training and guidance	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience. Need more training and guidance	1	1

Code	Work	Assessment Item	Experience	( 'omments	Rati	ng
Couc	Item No.	Assessment tem	(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Not much experience. Need more training and guidance	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experince. Need more training and guidance	1	1

Code	Work	Assessment Item	Experience	Comments	Rati	ng
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the retrofitting work	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing (planning)</u> <u>for new building</u>	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) <u>for retrofitting</u>	No	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1

I.4.11 25-1, 25-2, 35-1, 35-2 Monitoring of the retrofitting works done in order to assure quality	No	No experience	1	1
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Codo	Work	A 2222222 214 T4212	Experience	Community	Rati	ng
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37,		No	No experience	1	1
1.5.1	41, 43	to other relevant organizations	140	No experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience	1	1
154	26, 36, 40	Lecture on designing (planning) of the new public buildings against	No	No experience	1	1
1.5.4	20, 30, 40	natural disasters				
155	26 36 40	Lecture on designing (planning) of the existing public buildings	No	No experience	1	1
I.5.5 26, 36, 4	20, 30, 40	against natural disasters				
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	A soccomment Thomas	Willingness	Commonts	Rati	ng
Code	Assessment Item	(Yes or No)	Comments	<b>C/P</b> 3	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Have other duties	3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Much concern. If I can work for this activity with someone, I do.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Much concern, with someone	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: Ms. Humaera Binte Reza Memberm, Component 1 (working under Executive Engineer, Survey Division, Project Circle 1, PWD. Current Division is the PWD's Electrical/Mechanical Planning & Design Division 2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The 'Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
	No.		(Yes or No)		C/P	Е
1.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience in GIS. Training is needed	1	1
1.1.2	6,18,32	Vulnerability assessment of the existing buildings	No	No experience. Training is needed	1	1
1.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience. Study of BNBC is needed	1	1
1.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience. Study of BNBC is need	1	1
1.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No experience. Training is needed	1	1
		the existing buildings				
1.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience. Training is needed	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	E
1.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.2	9	Further study of current methods for designing (planning) for new buildings against retrofitting the existing buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.4	10.1	Development of new method for designing the public buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.5	10.1	Development of new method for retrofitting the public buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.6	11, 19, 21	Preparation of design manual for designing the public buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1
1.2.7	11, 19, 21	Preparation of design manual for retrofitting the public buildings against natural disasters	No	No experience. Study is needed for improving knowledge	1	1

1.2.8	20,34	Preparation of design documents including drawing for	No	No experience. Study is needed for	1	1
		retrofitting the existing buildings against natural disasters		improving knowledge		

Code	Work Item	Assessment Item	Experience	Comments	Rati	ing
	No.		(Yes or No)		C/P	Е
1.3.1	10-1,10-2	Material test such as strength test of concrete core	No	No experience. Training is needed	1	1
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience. Training is needed	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
1.4.1	12	Further study of quality assurance system	No	No experience. More study is needed	1	1
1.4.2	12.24	Preparation of checklist for ensuring quality assurance during designing (planning ) for new building	No	No experience. More study is needed	1	1
1.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience. More study is needed	1	1
1.4.4	12,24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience. More study is needed	1	1
1.4.5	12,24	Preparation of checklist for ensuring quality assurance during the retrofitting work	No	No experience. More study is needed	1	1
1.4.6	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience. More study is needed	1	1
1.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience. More study is needed	1	1
1.4.8	24	Guidelines for ensuring quality assurance during designing (planning) for retrofitting	No	No experience. More study is needed	1	1
1.4.9	24	Guidelines for ensuring quality assurance during retrofitting work.	No	No experience. More study is needed	1	1
1.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience. More study is needed	1	1
1.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience. More study is needed	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
1.5.1	13,27,37,41 ,43	Conduct of seminar / workshop for the PWD works to be disseminated to other relevant organizations.	No	No experience. More study is needed	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience. More study is needed	1	1
1.5.3	26,36,40	Lecture on vulnerability assessment of the existing building	No	No experience. More study is needed	1	1
1.5.4	26,36,40	Lecture on designing (planning ) of the new public buildings against natural disasters	No	No experience. More study is needed	1	1
1.5.5	26,36,40	Lecture on designing (planning ) of the existing public buildings against natural disasters	No	No experience. More study is needed	1	1
1.56	26,36,40	Lecture on retrofitting work of the existing public buildings	No	No experience. More study is needed	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Code	Assessment Item	Willingness	Comments	Rat	ing
		(Yes or No)		C/P	Е
1.6.1	I am (this C/P is ) willing to prepare/hold the project-related meetings such as JCC, seminar/workshop.	Yes	After gathering experience I am able to do this	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	After gathering experience I am able to do this	4	4
1.6.3	I am (this C/P is ) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is ) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	After gathering experience I am able to do this	4	4
1.6.4	I am (this C/P is) willing to use experience of C/P training in Japan" for daily work.	Yes	After gathering experience I am able to do this	4	4

#### Name of the C/P and his/her position: MD. Shanoor Alam Khan, WT-1, Executive Engineer, Survey Division, Project Circle I

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	tem Assessment Item	Experience	Comments		ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
T 1 1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	yes	Have not practically used. Have used Arcview	2	2
1.1.1	3, 3, 17, 30	rieparation of inventory for the public buildings using Ols		software.		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	yes	Need more experience	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience		Rat	
	Item No.		(Yes or No)		C/P	E
		Further study of BNBC, foreign codes, manuals and other	yes	Need more experience.		
I.2.1	8	existing literatures related to construction as well as the			2	2
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	yes	Need more experience.	2	2
1.2.2	9	new buildings against natural disasters		_	2	2
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters		_	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.4	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No experience	1	1
1.2.3	10-1	buildings against natural disasters		_	1	1
126	11, 19, 21	Preparation of design manual for designing the public	yes	Involved in preparation of "Design Criteria and	2	2
I.2.6	11, 19, 21	buildings against natural disasters		Minimum Requirements"	2	2
127	11 10 21	Preparation of design manual for retrofitting the public	No	No experience	1	1
I.2.7	11, 19, 21	buildings against natural disasters		-	1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No experience	1	1

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	retrofitting the existing buildings against natural disasters		l

Code	Work	Assessment Item	Experience	('omments	Rat	ting
	Item No.		(Yes or No)	Commonus	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	No experience	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience	1	1

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience	1	1

Codo	Work	A consument Thomas	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Conducted the seminar on construction management	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Involved in the preparation of training on subsoil investigation	3	3
I.5.3	26, 36, 40	i e e	No	No experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G . 1	Accommont Itom		Commonts		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.			4	
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	

1 st year (Base line Data)
Individual Aspect (Working Team 2)

## Name of the C/P and his/her position: Md. Rafiqul Islam, Executive Engineer, PWD Design Division—3 & Team Leader, Component-2, Executive Engineer, Design Division—III, Design Circle I

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	A googgess and Thoma	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no scope of vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	No experience. Studied about FEMA-356	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the	No	No experience.	1	1
1.1.3	31-1	existing buildings				1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Couc	No.	Assessment tem	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have studied about EQ-matter: i.e. Retrofitting, Seismic		
I.2.1	8	existing literatures related to designing as well as the retrofitting		Evaluation, and FEMA-356 (ASCE)-related matter. But,	3	3
		design for the buildings against natural disasters		lack in practicality. Therefore, it was rated 3		
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Need more practical experience	4	4
1.2.2	9	new buildings against natural disasters			4	4
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Same as I.2.1. Lack in practicality.	2	2
1.2.3	9	retrofitting the existing buildings against natural disasters			2	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings	No	No experience.	1	1
1.2.4	10-1	against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings	No	No experience.	1	1
1.2.3	10-1	against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings	No	No experience.	1	1
1.2.0	11, 19, 21	against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1

(	Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ing
		110.		( les of No)		C/P	E
]	1.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Just once or twice	2	2
]	1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work Item	Assessment tiem	Experience	Comments	Ra	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Self-study.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared individually.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience.	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have prepared presentation materials in power point presentation software about 10 times	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Have given lectures about 10 times in total.	2	2
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Have given lectures about 10 times in total.	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A T4	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Not very much	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Very much	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Not very much	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

### Name of the C/P and his/her position: ANUP KUMAR HALDER (Team member, Component-2), Design Division-V, Design Circle-II, became a staff at PWD in 2005, worked for a developer company (private company) for three years and some experience in site management

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Codo	Work Item	A ccecement Item	Experience	Comments	Rating	
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	A little bit of experience in Arcview operation	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assessed three buildings. Not enough experience	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Very little	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied about FEMA code to some extent	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work		Experience		Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	Yes	As shown in I.1.4	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Attended some conferences and training courses at IEB, BUET three times	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Attended some conferences and training courses at IEB, BUET three times	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1

I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u>	No	No experience.	1	1
		the existing buildings against natural disasters				

Code	Work	Assessment Item	Comments	Rat	ing	
	Item No.	(Yes or No)		C/P	E	
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have not done all kinds of tests. Lack in practicality	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have worked as site manager/engineer before becoming the PWD staff.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have worked as site manager/engineer before becoming the PWD staff.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rating	
Code	Item No.	Assessment item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Assisted lecturer in preparation of training on foundation, liquefaction.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Same as I.5.2	3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	Assessment Item	Willingness	Comments	Rating	
Code	Assessment item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Very much	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Very much	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.		Very much	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Particularly, very much	5	5

#### Name of the C/P and his/her position: MD. EMDADUL HUQ (Team member, Component-2), Assistant Engineer, Design Division-1, Design Circle I

(\*absent in the PWD office in June 2011 due to training)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	A ccecement Item	Experience	Lomments	Rat	ing
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	2	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	2	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item		Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	Yes		2	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes		3	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes		2	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	No experience.	1	1

Co	Code	Work	Assessment Item	Experience	Comments	Rat	ing
	Couc	Item No.	em No.	(Yes or No)	Comments	C/P	Е
	I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes		3	2
	I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	A ccacemant Itam	Experience	Comments		ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience.	2	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience.	2	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience.	2	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	3	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	No	No experience.	3	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	2	1
	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

C-1-	Work	A 4 T4	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	2	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	2	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	2	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	3	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	3	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	Assessment Item		Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

### Name of the C/P and his/her position: MD. MOMINUR RAHMAN, TEAM MEMBER, COMPONENT-2, SUB-DIVISIONAL ENGINEER, Sub-Division III, Design Circle-I, became the PWD staff in 2003, concern in foundation and structural design

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	A googgess and Thoma	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
T 1 5	31-1	Preparation of manual for doing vulnerability assessment of the	No	No experience.	1	1
I.1.5	31-1	existing buildings				1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience			ing
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for	No	No experience.	1	1
		the buildings against natural disasters	NT	NT .		
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	No experience.	1	1
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings	No	No experience.	1	1

		against natural disasters				
128	20, 34	Preparation of design documents including drawing for retrofitting	No	No experience.	1	1
1.2.6	20, 34	the existing buildings against natural disasters			1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	nting	
couc	No.		(Yes or No)		C/P	E	
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Concrete core test, not much experience	2	2	
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1	

Code	Work Item		Experience	Comments	Rat	ting
Coue	No.		(Yes or No)	Comments		E
I.4.1	12	Further study of quality assurance system	No	Quality of construction, material	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Informally, have prepared original checklists on liquefaction, building of strong column with beam	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience.	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting		No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the retrofitting work	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments		$\mathbf{E}$
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	Accessment Item	Willingness	Comments	Rat	ing
Code	Assessment Item		Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

### Name of the C/P and his/her position: MD. JAHIDUL ISLAM KHAN (Nick Name-JAHID), ASSISTANT ENGINEER, PWD DESIGN DIVISION-II, Design Circle-II

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Codo	Work Item	Assessment Item	Experience	Comments		ting
Code	No.	Assessment Item	(Yes or No)			E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	There is no scope to do such in our department.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Not done before but studied the guide line of FEMA.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Not such guide line in the BNBC	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied codes, literature and ttended in trainings.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	There was no scope	1	1
1.1.3	31-1	the existing buildings				ł
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	There was no scope	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)		Rat C/P	ting E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	BNBC, ACI, ATC	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters.	Yes	BNBC, ACI	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have knowledge from Training and Literature but no practical experience.	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Do not have experience at all	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1

		buildings against natural disasters				
128	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1
1.2.8		retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No. Assessment Item	Assessment Item	Experience	('omments	Rat	ting
			(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Directly did not do but seen the process to perform.	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rating		
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E	
I.4.1	12	Further study of quality assurance system	Yes	Invited site engineer from IDB in 2001. Have experience to some extent. Need much advice	3	3	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have used checklists. IDB assisted in preparation of check sheet form in 2001.	3	3	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have used checklists. IDB assisted in preparation of check sheet form in 2001.	3	3	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	1	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1	
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1	
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1	

Codo	Work	A grassmant Itam	Experience	C	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4 T4	Experience	<b>C</b> 4		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	ies		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

1 st year (Base line Data)

Individual Aspect (Working Team 3)

#### Name of the C/P and his/her position: Mr. Sohel Rahman (WT3 Team Lear on 20 March 2011), Executive Engineer, Design Division IV, Design Circle II

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	A	Experience			ing
Code	No.	Assessment Item		Comments		E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No provision in BNBC regarding of vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other		Have some experience.		1
I.2.1	8	existing literatures related to construction as well as the	Yes		3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	For new buildings	3	3
1.2.2	9	new buildings against natural disasters			J	3
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience.	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience.	1	1
1.2.7	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No experience.	1	1
1.2.3	10 1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	No experience.	1	1
1.2.0	11, 17, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public	No	No experience.	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work	Assessment Item	Experience	( 'omments	Rat	ing
Couc	Item No.		(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have done once. A few experience at the time of vertical extension of an existing building	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	Work Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience.	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared original checklists. No records.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have prepared original checklists. No records.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

Codo	Work	A SSESSMENT ITEM	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Not much experience. Except budget plan	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Have instructed to 30 new engineers in PWD. Have instructed as lecturer about eight times.	3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. J.	A ccecment Item	Willingness	Lomments	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.			4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	If I get the experience	3	3

# Name of the C/P and his/her position: MD. SHAFIUL ISLAM, TEAM MEMBER, Component-3 (Assistant for Superintending Eng. Design Circle I, joined in PWD in 2008, was the staff at Bangladesh Water Development Board (BWDB)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Codo	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Need more experience.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Self-study. BNBC does not cover vulnerability assessment.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	FEMA codes	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No experience.	1	1
1.1.3	31-1	the existing buildings				ł
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments		ting
Couc	No.	ASSESSMENT ITEM	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have attended some seminars organized by ESCB.		
I.2.1	8	existing literatures related to designing as well as the			3	
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC guidelines	2	
1.2.2	9	new buildings against natural disasters			2	
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience.	1	
1.2.3	9	retrofitting the existing buildings against natural disasters			1	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience.	1	
1.2.4	10-1	buildings against natural disasters			1	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No experience.	1	
1.2.3	10-1	buildings against natural disasters			1	
126	11, 19, 21	Preparation of design manual for designing the public	Yes	Have tried. But, have not produced outputs.	2	
I.2.6	11, 19, 21	buildings against natural disasters		•	2	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	

		buildings against natural disasters				
120	20, 34	Preparation of design documents including drawing for	No	No experience.	1	
1.2.6	20, 34	retrofitting the existing buildings against natural disasters			1	

C	ode	Work Item No.	Accoccment Item	Experience (Yes or No)	Comments	Rat	ing
	ouc					C/P	E
I.	3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience.	3	
I.	.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.4.1	12	Further study of quality assurance system	Yes	Construction phase	2	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement	2	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement	2	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Indirectly involved.	1	
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	Indirectly involved.	1	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Indirectly involved.	2	
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience.	1	

Code	Work	A ccecement Item	Experience	Comments	Rat	ing
Code	Item No.		(Yes or No)	Comments		E
I.5.1	13, 27, 37,		Yes	Some seminars on technical seminars, interlocution seminar	2	1
1.5.1	41, 43	disseminated to other relevant organizations		for freshman, etc.		ł
I.5.2	26	Preparation of training curriculum, materials, budget plan and	Yes	Preparation of the seminars on technical seminars,	2	
1.5.2	20	schedule		interlocution seminar for freshman, etc.		
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings	Yes	Some experiences	2	
1.5.4	20, 30, 40	against natural disasters				
155	26, 36, 40	Lecture on designing (planning) of the existing public buildings	Yes	Some experiences	2	
I.5.5	20, 30, 40	against natural disasters				
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C - 1 -	A 4 T4	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		3	
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	

# Name of the C/P and his/her position: MD. SHAMSUL ISLAM, MEMBER, TEAM-3, Design Division IV Design Circle II (entered PWD in Nov. 2008, have worked for a private contractor as civil engineer (site engineer) for 6 months

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	Assessment Item	Experience	Lomments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	NO	No experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	NO	No experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	$Y\!E\!S$	Read FEMA guidelines (Rapid Visual Screening part)	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	NO	No experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	No experience	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	YES	Beside BNBC, ACI, IBC, AISC, FEMA guidelines are studied for structural design of new buildings only.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	YES	FEMA guidelines are studied for structural design of new buildings.	2	2
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	NO	No experience	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	NO	No experience	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	NO	No experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public buildings	NO	No experience	1	1

		against natural disasters				1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings	NO	No experience	1	1
		against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting	NO	No experience	7	7
1.2.0	20, 34	the existing buildings against natural disasters			1	1

Code	Work Item No.	A ssessment Item	Experience (Yes or No)	( 'omments	Rat	ing
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	Done during academic study only	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	NO	No experience	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	NO	No experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	NO	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	NO	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	NO	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	NO	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	NO	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	NO	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	NO	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	NO	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	NO	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments		E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	NO	No experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	No experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO	No experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO	No experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO	No experience	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C . 1 .	A 4 T4	Willingness	Commonto		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES		2	2
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		4	4

# Name of the C/P and his/her position: ZAHID HASAN KHAN, Team Member, Componect-3, Assistant Engineer, Design Division V, Design Circle II (joined in PWD in Dec. 2011, was the staff at Bangladesh Export Processing Zones Authority (BEPZA))

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	ork Item No. Assessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	NO experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	NO experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	BNBC does not cover vulnerability assessment. Self-study	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	NO experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	NO experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experience	1	1

Code	Work Item	A spessment Item	Experience	Comments	Rat	ing
Couc	No.	Assessment item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	Yes	Just joined in PWD, Dec. 2010. Need more training and guidance	1	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	Need more training and guidance	1	1
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	No	Need more training and guidance	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Need more training and guidance	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Need more training and guidance	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Need more training and guidance	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Need more training and guidance	1	1

I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	Need more training and guidance	1	1
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Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Several times. Need more training and guidance	2	2
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need more training and guidance	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Not much experience. Need more training and guidance	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience	1	1

Code	Work Item	Assessment item	Experience	Comments	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Cada	A gangger and Thoma	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

1 st year (Base line Data)
Individual Aspect (Working Team 4)

# Name of the C/P and his/her position: Mr. Ziaul Hafiz (WT4 Team Leader) on 20 March 2011 (Superintending Engineer, Monitoring & Audit, 26 years experience in PWD)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Codo	Work Item	No. Assessment Item	Experience	Comments	Rating	
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience. No provision in BNBC	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	21.1	Preparation of manual for doing vulnerability assessment of	No	No experience.	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ing E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	No experience.	1	1
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	No	No experience.	1	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1

		buildings against natural disasters				
128	20. 34	Preparation of design documents including drawing for	No	No experience.	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	A ssessment Item	Experience (Yes or No)	( Comments	Rat	ting
Code					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	No experience.	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience.	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience.	1	1
1.4.2	12, 24	designing (planning) for new building				1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience.	1	1
1.4.3	12, 24	construction for new building				1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience.	1	1
1.4.4	12, 24	designing (planning) for retrofitting				
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience.	1	1
1.4.5	12, 24	the <u>retrofitting work</u>				
I.4.6	24	Guidelines for ensuring quality assurance during designing	No	No experience.	1	1
1.4.0	24	(planning) for new building				
I.4.7	24	Guidelines for ensuring quality assurance during construction	No	No experience.	1	1
1.7.7	24	for new building				
I.4.8	24	Guidelines for ensuring quality assurance during designing	No	No experience.	1	1
1.4.0	24	(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No	No experience.	1	1
1.4.9	24	<u>work</u>				
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	No experience.	1	1
1.4.11	35-1, 35-2	quality				<u>.                                    </u>

Codo	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. J.	A ccecement Item	Willingness	G	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.			4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	If I am selected to get training in Japan	3	3

# Name of the C/P and his/her position: K.M Mostafa Hasan Team Member, Component 4, Monitoring & Audit Circle (since October 2009, have 10 years experience at Design Circle I)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	Accecement Item	Experience	Comments		ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item		Experience	Comments	Rat	ing
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters		Have gone through ATC 40 and other related on line literature.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Before joining Audit Subdivision, I worked for nearly 10 years as sub-design engineer, PWD Design Circle I. I had to study prevailing methods for designing new buildings. Still I am very much eager to take further study on methods for designing new buildings.	2	2
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	140	No experience.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	110	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1

I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience.	1	1

Code	Work Item No.	A spessment Item	Experience	Comments	Rat	ting
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have seen the procedure for testing concrete strength in the laboratory.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	A ccecement item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	I have studied Q/A through ATC 40. I want to update my knowledge regarding Q/A.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience.	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience.	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Usually BNBC is followed for Q/A at design phase.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	"Minimum Design Criteria and Minimum Requirements" of PWD and book of Code of Practice of PWD are used as guidelines at construction phase.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1

I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

Codo	Work	A consumer Thomas	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C . 1	A 4 T4	Willingness	Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.			4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

### Name of the C/P and his/her position: Kazi Md. Firoze Hassan Team Member, Component 4 (Executive Engineer, PECU Division, PECU Circle)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	O. Assessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ing E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the	No No	No experience.	1	1
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	No	No experience.	1	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	('omments		ting
Cou	No.	Augestinent tem	(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have seen the procedure for testing	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rating	
Coue	No.	Assessment item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have studied about QM in the construction phase	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience.	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience.	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> ( <u>planning</u> ) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1

1 / 11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No		1	1
1.4.11	35-1, 35-2	quality	110	No experience.	•	

Code	Work Item	A T4	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	As a course manager of PWD training academy, I engaged in preparation of training curriculum, budgeting & schedule, etc.	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C - 1 -	A 4 T4	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

### Name of the C/P and his/her position: ABDULLAH MOHAMMOD ZUBAIR; SUB-DIVISIONAL ENGINEER; DESIGN DIVISION-5, Design Circle II

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C-1-	Work Item	A ccoccmont Itom	Experience	Comments.	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	YES	A few buildings (by observation only)	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	NO	No experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	NO	No experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	NO	No experience	1	1
1.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	No experience	1	1

Code	Work	A CCCCMENT ITEM	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	NO	No experience	1	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	YES	Considering soil erosion beside the river, filling of ditch area, earth quack, salinity problem etc in a very limited knowledge.	2	2
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	NO	No experience	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	NO	No experience	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	NO	No experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	NO	No experience	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	NO	No experience	1	1

I.2.8	20, 34	Preparation of design documents including drawing for	NO	No experience	1	1
1.2.0	20, 5 .	retrofitting the existing buildings against natural disasters	1.0		_	_

Code	Work	Assessment Item	Experience (Yes or No)	Comments	Rating	
Couc	Item No.				C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience to test Re-bar and concrete from laboratory. Not much experience.	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	NO	No experience	1	1

Code	Work		Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	YES	Through Online articles, and sharing from others experience.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	YES	In designing phase, earthquake, wind effect and such type other factors considered.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	YES	In construction phase, earthquake detailing, material testing, pile load test and such type other factors considered.	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	NO	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	NO	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	NO	As a guideline BNBC is used. Have not directly involved in preparation of such guidelines.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	NO	As a guideline "BOOK OF SPECIFICATION AND CODE OF PRACTICE-PWD" is used. Have not directly involved in preparation of such guidelines.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	NO	No experience.	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	NO	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	No experience.	1	1

1 / 11	25-1, 25-2, Monitoring of the retrofitting works done in order to assure	NO	No experience.	1	1
1.4.11	35-1, 35-2   quality			1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	NO	No experience.	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T/	Experience	Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		4	4

1 st year (Base line Data)
Individual Aspect (Working Team 5)

#### Name of the C/P and his/her position: Sardar Mainul Islam, Team Leader, Unit -5 (Deputy Director, PWD Training Academy, Resource Division)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	A concernant Itam	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	$\mathbf{E}$
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Little bit of experience.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	
Couc	No.	Abbedditent item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	Yes	Attended about two related-seminars.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Attended about two related-seminars.	2	2
I.2.3	9	Further study of current methods for designing (planning) for <a href="retrofitting">retrofitting</a> the existing buildings against natural disasters	No	No experience.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1

I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience.	1	1
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Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rati	ing E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experience	3	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rati	ng
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Self-study, and have participated in about symposium/seminars.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared some checklist.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have prepared some checklist.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need more experience.	3	3
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

C-1	Work Item	A 4 T4	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have conducted the trainings on technical matters (soil testing, quality assurance, etc.)	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Need more experience.	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Code	A 4 T4	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: Md. Morshed Hossain, Team Member, Unit -5, Sub-divisional Engineer, PWD Resource Division, PECU Circle (7 years experience as a site engineer in PWD)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	A ccecement Item	Experience	Comments		ing
Code	No.	Assessment Item	(Yes or No)			E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no scope of vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
0040	No.	Tabbebbillette teent	(Yes or No)	<del></del>		E
		Further study of BNBC, foreign codes, manuals and other	Yes	Studied not much.	2	2
I.2.1	8	existing literatures related to designing as well as the	105			i - I
		retrofitting design for the buildings against natural disasters				ł
122	0	Further study of current methods for designing (planning) for	Yes	Studied not much.	2	2
I.2.2	2 9	new buildings against natural disasters	103		2	-
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience.	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters	110	-	•	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience.	1	1
1.2.4	10-1	buildings against natural disasters	110	-	•	1 1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No experience.	1	1
1.2.3	10-1	buildings against natural disasters	110	-	•	1
126	11 10 21	Preparation of design manual for designing the public	No	No experience.	1	1
I.2.6	11, 19, 21	buildings against natural disasters	110		1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	No experience.	1	1

Cod	Work Item	Assessment Item	Experience	Comments	Rat	ting
	No.	Tibbelli item	(Yes or No)	Comments	C/P	E
I.3.	1 10-1, 10-2	Material test such as strength test of concrete core	Yes	Many times. Have experience as site manager.	3	3
I.3.		Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work Item	A spessment Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Much interest in quality assurance system. Want to introduce better QA system.	4	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience.	1	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Some experience.	3	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience.	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience.	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Partly related to this work.	2	

I / 11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	No experience.	1	
1,4,11	35-1, 35-2	quality	1,0		-	

Code	Work Item	A 00000000 0004 T40000	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Related to conduct of about eleven seminars, need more experience.		3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Related to preparation for about eleven seminars, need more experience.		3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.		1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	A second such Thomas	Willingness	Comments		ing
Code	Assessment Item	(Yes or No)			$\mathbf{E}$
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

# <u>Name of the C/P and his/her position</u>: MOHAMMAD ABUL KALAM AZAD, Sub-Divisional Engineer (Civil), PWD Design Division-VI, Design Circle II, Dhaka (since June 2005, has experience as campus engineer at Bangladesh National University, worked at the private sector (contractor) from 2002 to 2003.)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment item (Yes o		Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	Studied a 3.0 Credit theory course on GIS	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	NO experience, Need advice	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Studied on design point of view	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	NO experience, Need advice	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	NO experience, Need advice	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experience, Need advice	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to designing as well as the retrofitting design for the buildings against natural disasters	Yes	Participated a 7 ( seven) day long Training course on " Earthquake Resistant Design & Retrofitting of Buildings.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	Need advice	1	1
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	No	Need advice	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Need advice	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Need advice	1	1

I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Need advice	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Need advice	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	Need advice	1	1

Code	Work Item No.	Assessment Item	<b>Experience</b> Comments		Rat	ting
Couc			(Yes or No)	Comments		E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Has done when I worked at a contractor. Need more advice	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need advice	1	1

Code	Work Item	ork Item Assessment Item		Comments		ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of duality assurance system		Have joined in some seminars sometimes at IDB. Need more advice	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need more advice	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need more advice	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No Need advice		1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the retrofitting work  No Need advice		1	1	
I.4.6	24	Guidelines for ensuring quality assurance during designing No Need more advice (planning) for new building		1	1	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	for No Need advice		1	1
I.4.8	24	Guidelines for ensuring quality assurance during designing No Need advice (planning) for retrofitting		1	1	
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No Need advice		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No Need advice		1	1
I.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure quality	No	Need advice	1	1

35-1, 35-2			ĺ

C- 1-	Work Item	ork Item		Comments		ing
Code	No.	Assessment Item	(Yes or No)		C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	e No Need advice		1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No Need advice		1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings  No  Need		Need advice	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters		Have done in-house trainings. Need advice	1	1
I.5.5	5 26, 36, 40 Lecture on designing (planning) of the existing public buildings against natural disasters		1	1		
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No Need advice		1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	Assessment Item		ness		ing
Code			Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

1 st year (Base line Data)
Organizational Aspect

# Organizational Aspect

G 1	,	T 11 /		Survey Result	
Code	]	Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey
PWD's	management				
O.1	2) Ratic staff 3) Num Proje asses: PWD's staff GIS, build desig existi disast of th	o of the Class 1 staff to all PWD aber of staff who is engaged in the ect-related activities (i.vulnerability sment of the existing building using ii. designing (planning) for new ings against natural disasters, iii. ning (planning) for retrofitting the	3) i. Nil ii. 26 persons (Engineers of different level) iii. Nil		
0.2	Coordination Organi DMB, HBRI, the PD	PWD coordinate with other related zations such as MHPW, ERD, MoFDM, DoA, BUET, BRI, other donors in order to achieve DM's Overall Goal?	-Yes. Initiative has been taken for this co-ordination with almost all the related organizations.		
O.3	build build shelte 2) Con licens traini Proje 3) Con Concern of the PWD's top leaders in the Project 4) Futur 44	ings including government ing, hospital, fire station, school, er, etc. Incern in issuance of the official se to the engineers completing ing programme introduced by the cit incern in the incorporation of the talls prepared through the Project the future edition of BNBC	1) Yes. PWD is aware and concerned in retrofitting of public buildings. A 4-year capacity building project has been taken up with JICA Funding. Final decision maker on this matter is MoHPW, Min. of Planning and MoFDM.  2) Not much. But, PWD does not have authority to issue such license. PWD can issue certificates to the participants of such trainings, if offered. Final decision maker on this matter is RAJUK, MoHPW.  3)Yes. PWD shall try to disseminate the prepared manuals to concerned professionals and incorporate the provisions of the manuals in the future-edition of BNBC. Final decision maker on this matter is HBRI.  4) Yes. PWD shall prepare a roadmap for retrofitting of important vulnerable government buildings and submit it to the government for funding. Final decision maker on this matter is MoHPW, Min. of Planning and MoFDM.		

PWD's	PWD's Financial Status					
O.4	Financial Status Financial Status	PWD's income (i. incomes from the government or budget allocated by the Government, ii. business income if any, etc.)  PWD's expenditure (i. subcontracting cost, if any, ii. expenditure for	(For FY 2010- 2011)- Tk.15,540.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2010- 2011)- Tk.15,540.00 (million)			
		retrofitting works, etc.)	i) Nil. ii) Nil			
PWD's I	Equipment and Ma	aintenance				
O.5	Equipment and Maintenance	material test, etc. How much equipment does PWD own?  2) Status of maintenance of the above	1) No vehicle for carrying out testing operation is available. 15 items of equipments for material testing are in the stock of PWD testing laboratory.  2) Have maintenance record.			
PWD's l	Intellectual Resour	rce	,			
O.6	Intellectual Resource	<ul> <li>3) Roadmap for retrofitting</li> <li>4) Design manual for designing the building against natural disasters</li> <li>5) Design manual for retrofitting the building against natural disasters</li> <li>6) Design documents for retrofitting</li> <li>7) Manual for retrofitting works</li> <li>8) Checklist for quality assurance</li> <li>9) Judgment guidelines for quality assurance</li> </ul>	5) Not yet undertaken 6) Nil 7) Nil 8) Nil 9) Nil 10) Yes but not adequate 11) Not adequate 12) Nil			

1 st year (Base line Data)
Institutional Aspect

**Institutional Aspect** 

Code	Indicator		Survey Result				
Code	Indicator		Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey		
Legal s	system at National Level						
IS.1	1) Disaster Manageme 2) National Plan for I (NPDM) (2008-201 3) Standing Order on I  How does the related laws/act or national plan/ policy state about retrofitting?	Disaster Management 5) Disaster (SOD)	1) Not yet promulgated 2) In 'Action Agenda for 2010-2015', which is a part of (NPDM), the articles related to the Project are as follows: Art 12. Action Agenda: -5.3.1.4 Use of earthquake risk maps in urban planning and development -5.3.1.5 Update and ensure compliance of BNBC -5.3.1.6 Review and revise building safety codes on evacuation of people with emphasis on persons with disabilities -5.3.1.7 Develop and implement retrofitting programs for vulnerable critical infrastructure. (Lead agency: MoHPW) 3) Art.4.2.2.2, 4.2.2.6, 4.2.3.2, 4.2.8, 4.2.13.1, 4.2.13.2				
Institu							
IS.2	Statements of the PDM's Overall Goal  Statements of the Propert established?	on the issuance of ngineers completing e introduced by the prepared through the	No				
IS.3	Public awareness Is any institution on	promotion of public on retrofitting of the	No				

# $2^{nd}$ year

# $2^{ m nd}\,{ m year}$

Individual Aspect (Working Team 1)

# Name of the C/P and his/her position: Mr. Ali Newaz Ahmed, Team Leader of Component. 1 (executive Engineer, Survey Division, Project Circle-1)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Cada	Work Item	A consument Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	More Training is needed about GIS	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	More Training needed	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	More Training needed	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	More Training needed	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	More Training needed	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	More Training needed	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	0
Couc	Item No.	1 155055 Ment 1 vem	(Yes or No)		C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	More Training needed	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	More Training needed	1	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	More Training needed	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	More Training needed	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings	Yes	More Training needed. Have learned new method	2	2
1.2.0	10 1	against natural disasters		through CNCRP		
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	More Training needed	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	More Training needed	1	1

I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	More Training needed	1	1	
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Code	Work	Assessment Item	Experience (Yes or No)	Comments		ting
Couc	Item No.					E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	More Training needed, Have new experience through CNCRP.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	More Training needed	1	1

Code	Work		Experience	Comments	Rating	
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	More Training needed	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	More Training needed	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	More Training needed	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	More Training needed	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	More Training needed	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	More Training needed	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Have experience in construction management.  Have tried to prepare such guidelines to some extent.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	More Training needed	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	More Training needed	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	More Training needed	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	More Training needed	1	1

C. 1.	Work	A SSESSMENT ITEM	Experience	Comments	Rat	ing
Code	Item No.	m No.		Comments		E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No Experience	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No Experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	A 4 T4	Willingness	Comments		ting
Code	Assessment Item	(Yes or No)		Rat   C/P   3   3   3   3	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am gathering few experience & I am able to do it	3	3
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am gathering few experience & I am able to do it	3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am gathering few experience & I am able to do it	3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I am gathering few experience & I am able to do it	3	3

#### Name of the C/P and his/her position: Mr. Md. Akhsanul Islam, Assistant Engineer, Design Div 2, PWD

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience (Yes or No)		Rat C/P	ting E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Learned Arc GIS 10 under CNCRP. Small scale inventory is prepared	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Learning from lectures of CNCRP. Need more guidance	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Learning from lectures of CNCRP. Further study itself was not implemented.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Learning from lectures of CNCRP. Further study itself was not implemented.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes	Learning from lectures of CNCRP. Need more guidance	2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)		Rat C/P	ing E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have some experience. Need more study and guidance	3	3
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	Have some experience. Need more study and guidance	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have some experience. Need more study and guidance	2	2
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience	1	1
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	Yes	Learned from CNCRP. Need more guidance.	2	2

Code	Work Item No.	Assessment Item		Comments		ing
0040		1.1000001110110110110111	(Yes or No)			E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Learned from CNCRP. Need more guidance.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Little experience. Need more study.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Little experience. Need more study.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience	1	1

C. 1.	Work		Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some experience trough workshops of CNCRP	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have some experience trough CNCRP	2	2
I.5.3	26, 36, 40		No	No experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo		Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I now work for seminars, meetings and workshops of CNCRP	5	5
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Much concerned.	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Concerned. I am willing to work in this field.	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I got training in Japan and sharing my experience with others	5	5

Name of the C/P and his/her position: Ms. Humaera Binte Reza Memberm, Component 1 (working under Executive Engineer, Survey Division, Project Circle 1, PWD. Current Division is the PWD's Electrical/Mechanical Planning & Design Division 2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. J.	Work Item		Experience	G	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
T 1 1	2 5 17 20	Preparation of inventory for the public buildings using GIS	Yes	Learned Arc GIS 10 from training under CNCRP.	3	3
1.1.1	3, 3, 17, 30	Freparation of inventory for the public buildings using 015		Small scale inventory is prepared		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	Small learning from lectures . Need more guidance	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Small learning from lectures . Need more guidance	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Small learning from lectures . Need more guidance	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No experience at all	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Small learning from lectures . Need more guidance	1	1

Code	Work	Accocomont Itom			Rating	
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	Need study and proper guidance.	1	1
1.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	No	Need study and proper guidance	1	1
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience at all	1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience at all	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience at all	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience at all	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience at all	1	1

120	20. 24	Preparation of design documents including drawing for	No	No experience at all	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting
I.3.1		Material test such as strength test of concrete core	No	No experience	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	,	designing (planning) for new building				<u> </u>
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	12, 2.	construction for new building				
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	,	designing (planning) for retrofitting				<b>.</b>
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	,	the retrofitting work				$\vdash$
I.4.6	24	Guidelines for ensuring quality assurance during designing	No	No experience	1	1
		(planning) for new building				<b></b>
I.4.7	24	Guidelines for ensuring quality assurance during construction	No	No experience	1	1
1,	2.	for new building				
I.4.8	24	Guidelines for ensuring quality assurance during designing	No	No experience	1	1
1.7.0	24	(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No	No experience	1	1
1.4.9	24	<u>work</u>				1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	No experience	1	1
1.4.11	35-1, 35-2	quality				l

Codo	Work	A	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some experience through two workshops of CNCRP	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No Experience	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	Assessment Item	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Much concerned about this issue.	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Much concerned about this issue.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Much concerned about this issue.	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Have'nt get training in JAPAN Yet. After getting experience I am able to do this	4	4

# Name of the C/P and his/her position: Rafia Begum, Sub-Divisional Engineer, PWD E/M Planning and design Circle & Team Member, Working Team 1 of CNCRP project

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C-1-	Work Item		Experience		Rating	
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	Since don't know GIS, Training is required	1	
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience, Training is required	1	
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience, study of BNBC regarding vulnerability assessment is required	1	
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience, study of Foreign codes for vulnerability assessment is required	1	
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Have no experience, training is required	1	
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Have no experience, training is required	1	

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)		C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	Study/training is required.	1	
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	Study/training is required	1	
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	Study/training is required	1	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Study/training is required	1	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Study/training is required	1	
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Study/training is required	1	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Study/training is required	1	

		buildings against natural disasters				
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	Study/training is required	1	

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training is required	1	

# 4) The PDM Output 4-related items

Code	Work		Experience	Comments	Rating	
Coue	Item No.		(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Study is required	1	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
1.7.2	12, 24	designing (planning) for new building				
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
1.7.5	12, 24	construction for new building				
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
1	12, 2 .	designing (planning) for retrofitting				
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
1. 1.0	12, 2 .	the retrofitting work				
I.4.6	24	Guidelines for ensuring quality assurance during designing	No	Study is required	1	
1. 1.0	2.	(planning) for new building				
I.4.7	24	Guidelines for ensuring quality assurance during construction	No	Study is required	1	
		for new building				
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u>	No	Study is required	1	
10		(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No	Study is required	1	
		<u>work</u>				
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Study is required	1	
I.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	Study is required	1	
1. 1.11	35-1, 35-2	quality				

Code	Work	Assessment Item	Experience	Comments	Rating	l
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	Item No.		(Yes or No)		C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	Study is required	1	
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	Study is required	1	
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Study is required	1	
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Study is required	1	
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Study is required	1	
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Study is required	1	

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

~ -	A T	Willingness		Rat	ting
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	yes	After having experience, I will be able to do.	4	
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	yes	After having experience, I will be able to do.	4	
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	yes	After having experience, I will be able to do.	4	
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	yes	After having experience, I will be able to do.	4	

#### Name of the C/P and his/her position: Muhammad Mostafijur Rahman, Sub-Divisional Engineer, Team Member, WT-1.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

G 1	Work Item		Experience		Rat	ting
Code	No.		(Yes or No)	Comments		E
T 1 1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	ArcGIS 10 has been learned and process of Building	3	3
1.1.1	3, 3, 17, 30	Treparation of inventory for the public buildings using O15		Inventory is going on with the software.		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Learned something from lectures, seminars and	2	2
1.1.2				workshop of CNCRP. Need more guidance.		
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience. Need training and guidance.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience. Need training and guidance.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No experience. Need training and guidance.	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience. Need training and guidance.	1	1

Code	Work Item	Assessment Item	Experience	Comments		ing
Couc	No.	Assessment tem	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	No experience. Need training and guidance.	1	1
1.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	No	No experience. Need training and guidance.	1	1
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	No experience. Need training and guidance.	1	1

Code	Work Item No.	Accecment Item	Experience (Yes or No)	Comments	Rating	
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience. Need training and guidance.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No experience. Need training and guidance.	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience. Need training and guidance.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience. Need training and guidance.	1	1

C. 1.	Work	A 4 T4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some knowledge by attending lectures, seminars, workshop under CNCRP.	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Codo	A		Comments		ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am involved with the seminars, workshops of CNCRP	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am concerned to prepare the project report.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am willing to promote the awareness program.	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I got training in Japan and I am willing to use the experience.	4	4

# $2^{\rm nd}\, year$ Individual Aspect (Working Team 2)

Name of the C/P and his/her position: Md. Rafiqul Islam, Executive Engineer, PWD Design Division—3 & Team Leader, Component-2, Executive Engineer, Design Division—III, Design Circle I

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C - 1	Work Item	A second Thomas	Experience	G	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Some experinence.	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Some experience on Japanese standard and ASCE	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provisions for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need more study and exercise	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Some experience	2	2
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Lamments	Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Needs enough exercise for confidence.	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Need more experience.	4	4
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Needs enough exercise for confidence.	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	Some experience	2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Some experience	2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	Some experience	2	2
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Some experience	2	2

retrofitting the existing buildings against natural disasters				
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Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
	item No.		(res or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience. Need further experience.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Self study	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

C. 1.	Work	A 4 T4	Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Some experience	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Some experience	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Some experience	2	2
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Some experience	3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Some experience	3	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience	ee Garmanta		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Not very much	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Very much	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

Name of the C/P and his/her position: ANUP KUMAR HALDER (Team member, Component-2), Design Division-V, Design Circle-II, became a staff at PWD in 2005, worked for a developer company (private company) for three years and some experience in site management

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

G 1	Work Item	A	Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Learnt method by lectures	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assessed using Japanese standard	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Have learned methods by lectures and training courses	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied ASCE-31	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	Checked draft manual	2	2
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments		ing
Couc	Item No.	rassessment rem	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	As shown in 1.1.4	2	2
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Have learned methods by lectures and training courses.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have learned methods by lectures and training courses.	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Have lectures	2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	Checked draft manual	2	2

I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Through test work and lectures	2	2
		retrofitting the existing buildings against natural disasters				

Code	Work	Assessment Item	Assessment Item Experience Comments	Rat	ing	
Couc	Item No.	1 kgs cgs ment reem	(Yes or No)	C V	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Done two core test in the test work	3	3
1.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Checked draft manual	2	2
	31-2					

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Test work and previous working experience before joining PWD.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Test work and previous working experience before joining PWD.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Test work and lecture	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Test work and lecture	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Test work and lecture	2	2
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	Test work and lecture	2	2

C 1	Work	Accessment Item	Experience	6	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Participated two seminars. Organized by CNCRP	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes		2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes		2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes		3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes		2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes		2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	A ccocemant Itam	Experience			ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position: MD. MOMINUR RAHMAN, TEAM MEMBER, COMPONENT-2, SUB-DIVISIONAL ENGINEER

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. I.	Work Item	Assessment Item	Experience	G	Rating	
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Some experience on Japanese standard and ASCE	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provisions for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	More study is needed	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Some experience	2	2
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs more exercise		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2 9	9	Further study of current methods for designing (planning) for	Yes	Need more study	4	4
	,	new buildings against natural disasters			7	7
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs more exercise	2	2
1.2.3	,	retrofitting the existing buildings against natural disasters			2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Some experience	2	2
1.2.0	11, 17, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	2	2
1.2.7	11, 17, 21	buildings against natural disasters			2	2
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Some experience	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				

Code	Work Item No.	Accessment Item	Experience (Yes or No)	( 'omments	Rat	ing
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Need more experience	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Basic knowledge by CNCRP	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	1	1

G 1	Work	A 4.T/	Experience	<b>C</b> 4	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Some experience	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Some experience	3	3
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Some experience	3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Some experience	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	A ccacemant Itam	Experience	Comments		ing
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	very much	5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	very much	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	very much	5	5

#### Name of the C/P and his/her position: Md. Emdadul Huq, Member, Working Team-2 (Assistant Engineer, PWD Design Division-I)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C 1	Work Item	Assessment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No Experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Assessing 1 building under this project	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Do not have much in BNBC about vulnerability assessment	3	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	ASCE-31	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	Working with JET team(Assessment Part)	3	3
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes			
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
1.2.2	9	Further study of current methods for designing (planning) for	Yes	From JET training	3	3
1.2.2	9	new buildings against natural disasters			3	3
1.2.3	9	Further study of current methods for designing (planning) for	Yes	From JET training	3	3
1.2.3		retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	1
1,2,7	10-1	buildings against natural disasters			1	
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No		1	1
1.2.3	10 1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No		1	1
1.2.0	11, 17, 21	buildings against natural disasters			1	1
1.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes		2	2
1.2./	11, 19, 21	buildings against natural disasters			2	2
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Getting knowledge from working with JET	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			3	3

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Couc		1 2550 55 1 200			C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	We learnt from JET and also practiced our self	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Codo	Work	A accessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No		1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No		1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No		1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes		3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes		3	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No		1	1

Code	Work	A 4 T4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes		2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have some experience(Working With JET for Siesmic assessment Part)	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes		2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	F	Experience	e		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

## Name of the C/P and his/her position: Md. Jahidul Islam Khan, Member, Working Team-2 (Assistant Engineer, PWD Design Division-II)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C 1	Work Item	k Item	Experience			ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Got knowledge from JET training session	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Assessing 1 building under this project	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Do not have much about vulnerability assessment	3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Have experience to some extent. Need much advice	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	Working with JET team on manual preparation	2	2
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Did not done before	1	1

Code	Work		Experience	Comments	Rating	
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes			
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes		3	3
1.2.2	,	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	Yes	From JET training session	3	3
1.2.3	,	retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	1
1.2.1		buildings against natural disasters			•	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No		1	1
1.2.5	10 1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes		2	2
1.2.0	11, 17, 21	buildings against natural disasters			2	2
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	sign manual for retrofitting the public Yes		2	2
1.2.7	11, 19, 21	buildings against natural disasters				2
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Getting knowledge from working wit JET	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				

Code	Work Item No.	Assessment Item	Experience (Yes or No)	('omments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	We learnt from JET and also practiced our self	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes		2	2

Code	Work		Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes		3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes		3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes		2	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No		1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No		1	1

G 1	Work Item No.	A 4.T/	Experience		Rat	ting
Code		Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes		2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have prepared for this project (New Design Part)	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes		2	2
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	F	Experience	e		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position: MONIRUZZAMAN MONI, MEMBER, Assistant Engineer, Design Div. 3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Colo	Work Item	Vork Item Experience Comments			Rat	ing
Code	No. Assessment Item	(Yes or No)	Comments	C/P	E	
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO	Have no experience	1	1
I.1.2	6, 18, 32 Vulnerability assessment of the existing buildings	18, 32 Vulnerability assessment of the existing buildings YES	VES	Have some experience but need practical	2	2
1.1.2			TES	implementation.		
I.1.3	8	Further study of BNBC for vulnerability assessment	NO	BNBC has no guideline for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	YES	Have some experience but need practical execution.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	YES	Have some experience.	2	2
1.1.3	31-1	the existing buildings	1123	mave some experience.		
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	Have no experience	1	1

Code	Work		Experience		Rating	
	Item No.		(Yes or No)		C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	YES	Have a few experiences.	3	3
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	YES	Have a few experiences.	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	YES	Have a few experiences.	2	2
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	NO	Have no experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	YES	Have a few experiences.	2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	YES	Have some experience.	2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	YES	Have some experience.	2	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	YES	Have some experience.	2	2

Code	Work Item No.	Accessment Item	Experience (Yes or No)	Comments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	Performed core cutting and also tested the core	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	YES	Have some experience.	2	2

Code	Work	Assessment Item	Experience	Commonts	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	NO	Have no experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	NO	Have no experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	NO	Have no experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	NO	Have no experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	NO	Have no experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	YES	Have some experience.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	YES	Have some experience.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	YES	Have some experience.	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	YES	Have some experience.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	Have no experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		YES	Have some experience.	2	2

G 1	Work	Assessment Item	Experience	G	Rating	
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	YES	Have some experience.	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	Have no experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO	Have no experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO	Have no experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO	Have no experience	1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO	Have no experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A ccocemant Itam	Experience	C	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES	I am interested	3	3
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES	I am interested	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES	I am interested	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES	I am interested	4	4

# $2^{\rm nd}\,{\rm year}$

Individual Aspect (Working Team 3)

# Name of the C/P and his/her position: MD. SOHEL RAHMAN, TEAM LEADER, COMPONENT-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

C. 1.	Work Item	Assessment Item	Experience	G	Rat	ing
Code	No.		(Yes or No)	Comments		E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No provision in BNBC regarding vulnerability assessment.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have some experience.		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	For new buildings	3	3
1.2.2	,	new buildings against natural disasters			3	
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	2	2
1.2.3	,	retrofitting the existing buildings against natural disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Have some experience.	2	2
1.2.1	10 1	buildings against natural disasters				
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Have some experience.	2	2
1.2.3	10 1	buildings against natural disasters				
1.2.6	11, 19, 21	Preparation of design manual for designing the public	No	No experience.	1	1
1.2.0	11, 17, 21	buildings against natural disasters			1	-
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Accecement Item	Experience (Yes or No)	Comments		ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experience.	3	3
122	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Preparation of Guideline for retrofitting works is	2	2
1.3.2	31-2	rieparation of manual for the retrofftling works		started (Just beginning) by the component 3		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Have some experience.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared checklists. No records.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have prepared checklists. No records.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have prepared checklists.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Have some experience.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience.	1	1

C. 1.	Work	A 4 T4	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No experience.	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Not much experience. Except budget plan.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Have instructed to 30 new engineers in PWD. Have instructed as lecturer about eight times.	3	3
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Have experience to describe the "Test Work" of CNCRP.	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1		Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

### Name of the C/P and his/her position: MD. SHAFIUL ISLAM, ASSISTANT ENGINEER, PWD DESIGN CIRCLE -1, MEMBER, CNCRP WORKING TEAM-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. 1.	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have some experience, need more advice	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have some experience, need more advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Self-study, BNBC does not cover vulnerability	3	3
1.1.3	8	Turtiler study of DIVDC for vulnerability assessment		assessment	3	
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Need Experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have Attended some seminar organized by ESCB,		1
I.2.1	8	existing literatures related to construction as well as the		JICA	3	3
		retrofitting design for the buildings against natural disasters				<u>i</u>
1.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
1.2.2	,	new buildings against natural disasters			3	,
1.2.3	9	Further study of current methods for designing (planning) for	No	Need Experience	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Need Experience	1	1
1.2.4	10-1	buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need Experience	1	1
1.2.3	10-1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Need More Experience	2	2
1.2.0	11, 19, 21	buildings against natural disasters				
1.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Need More Experience	2	2
1.2.7	11, 19, 21	buildings against natural disasters			2	
1.2.8	20, 34	Preparation of design documents including drawing for	No	Need Experience	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'omments	Rat	ing
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience and need more advice	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Having some knowledge and need more advice	3	3

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	m No.	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Having some knowledge, Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Need improvement	2	2

G 1	Item No.	Assessment Item	Experience		Rat	ting
Code		(Yes or No)	Comments	C/P	E	
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some seminar on technical seminar	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Need Improvement and training	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Need Improvement and training	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Need Improvement and training	2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Need Improvement and training	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Need Improvement and training	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	Assassment Item	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: MD. SHAMSUL ISLAM, MEMBER, TEAM-3, Design Division IV Design Circle II

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

C. 1.	Work Item	Assessment Item	Experience	G	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	NO	No experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	NO	No experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	YES	Read FEMA, ASCE guidelines for seismic retrofitting	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	NO	No experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	YES	Studied ACI code, IBC code, AISC, FEMA, ATC for		1
I.2.1	8	existing literatures related to construction as well as the		structural design of new buildings and also to find	2	2
		retrofitting design for the buildings against natural disasters		out suitable retrofit methods for Bangladesh		
I.2.2	9	Further study of current methods for designing (planning) for	YES	ACI, IBC codes.	2	2
1.2.2	,	new buildings against natural disasters			2	
I.2.3	9	Further study of current methods for designing (planning) for	YES	Studied JASS guideline and FEMA guidelines	2	2
1.2.3	9	retrofitting the existing buildings against natural disasters			2	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO	No experience	1	1
1.2.4	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO	No experience	1	1
1.2.3	10-1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	NO	No experience	1	1
1.2.0	11, 17, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	NO	No experience	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	NO	No experience	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work	Accecement Item	Experience (Yes or No)	Comments	Rat	ting
	Item No.				C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	Done during academic study	2	2
I.3.2	21, 22-1,	Preparation of manual for the retrofitting works	YES	Reading JASS guidelines, FEMA guidelines for preparation of manual for retrofitting works	2	2
1.3.2	31-2	Preparation of manual for the retrofftling works		preparation of manual for retrofitting works	L	

Codo	Work	A coocamout Itam	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system			1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	NO	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	NO	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	YES	Experience gained through test work of the project CNCRP	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	YES	Experience gained through test work of the project CNCRP	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	NO	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	NO	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	YES	Experience gained through test work of the project CNCRP	2	2
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	YES	Experience gained through test work of the project CNCRP	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	No experience	1	1
	25-1, 25-2, 35-1, 35-2		YES	Experience gained through test work of the project CNCRP	2	2

G 1	Work	A	Experience	<b>C</b>	Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	YES	A little experience	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	No experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO	No experience	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO	No experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	YES	A littlie experience	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	Assassment Item	Experience	<b>C</b>	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES		2	2
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		4	4

# Name of the C/P and his/her position: Zahid Hasan Khan, Assistant Engineer, PWD Design Division-5, Team Member, CNCRP Working Team-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

G 1	Work Item	Assessment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	Need much advice & Training	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have attended lectures. Need much advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	BNBC does not cover vulnerability assessment. Self Study	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need much advice	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Need Experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.		(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Attended seminars & classes, studied codes and		
I.2.1	8	existing literatures related to construction as well as the		lecture materials provided by JET	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	2	3
1.2.2	9	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	No	Need Experience	1	1
1.2.3		retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Need Experience	1	1
1.2.7		buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need Experience	1	1
1.2.3	10-1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	Need Experience	1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Need Experience	1	1
1.2./	11, 19, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	No	Need Experience	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	A ccoccmont Itom	Experience	Comments		ting
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience, but still need more advice & guidance	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Need improvement	3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Need improvement	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need improvement	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Need improvement	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Need improvement	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Need improvement	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Need improvement	3	3

G 1	Work	A	Experience	6	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	Need Experience	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have experience to some extent. Need much advice	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Need Experience	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Need Experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Need Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Need Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: Nur-E-Kawonine, Assistant Engineer, PWD Design Division-1, Team Member, CNCRP Working Team-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

Colo	Work Item	Assessment Item	Experience	C	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have experience to some extent. Need much advice	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have attended lectures. Need much advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC does not cover vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Need Experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Attended seminars, studied codes and lecture		1
I.2.1	8	existing literatures related to construction as well as the		materials provided by JET	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
1.2.2	,	new buildings against natural disasters			5	5
I.2.3	9	Further study of current methods for designing (planning) for	No	Need Experience	1	. 1
1.2.3	,	retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Need Experience	1	. 1
1.2.7	10-1	buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need Experience	1	. 1
1.2.3	10 1	buildings against natural disasters			1	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	Need Experience	1	. 1
1.2.0	11, 19, 21	buildings against natural disasters			1	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Need Experience	1	1
1.2.7	11, 17, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	Need Experience	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience, but still need more advice	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments		ting
Couc	Item No.	Assessment rem	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Need improvement	3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Need improvement	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need improvement	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Need improvement	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Need improvement	2	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Need improvement	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Need improvement	3	2

G 1	Work	A ccacemant Itam	Experience	C	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	Need Experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have experience to some extent. Need much advice	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Need Experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Need Experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Need Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Need Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	Assessment Item	Experience	C		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: A.S.M. SHAHRIAR JAHAN, ASSISTANT ENGINEER, PWD DESIGN DIVISION -1

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

	Work Item No.	Assessment Item	Experience		Rat	ing
Code			(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No Experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No Experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No Experience	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No Experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No Experience	1	1
1.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Self study. Have some idea on earthquake resistant		
I.2.1	8	existing literatures related to construction as well as the		building from BNBC. Need more training and	2	2
		retrofitting design for the buildings against natural disasters		guidance.		
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Self study. Need more training and guidance	2	2
1.2.2	,	new buildings against natural disasters			2	
I.2.3	9	Further study of current methods for designing (planning) for	No	No Experience. Need more training and guidance.	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No Experience. Need more training and guidance.	1	1
1.2.4		buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No Experience. Need more training and guidance.	1	1
1.2.3	10-1	buildings against natural disasters			1	1
1.2.6	11, 19, 21	Preparation of design manual for designing the public	No	No Experience. Need more training and guidance.	1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No Experience. Need more training and guidance.	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No Experience. Need more training and guidance.	1	1
1.2.0	20, 34	<u>retrofitting</u> the existing buildings against natural disasters			1	1

Code	Work Item No.	Accecement Item	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Need more training and guidance	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No Experience. Need more training and guidance.	1	1

Code	Work	A 22.22 214 I4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No Experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No Experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No Experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No Experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No Experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No Experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No Experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No Experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No Experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No Experience	1	1
	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No Experience	1	1

C 1	Work	A 4.T4	Experience	0	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No Experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No Experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# $2^{nd}\,year$ Individual Aspect (Working Team 4)

# Name of the C/P and his/her position: Mr. Ziaul Hafiz (WT4 Team Leader) on 20 March 2011 (Superintending Engineer, Monitoring & Audit, 26 years experience in PWD)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

C . 1	Work Item	A ccoccmont Itom	Experience		Rat	ing
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No		1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work		Experience	Comments		ting
Couc	Item No.	1 x55C55ment 1tem	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Familiar with BNBC		i l
I.2.1	8	existing literatures related to construction as well as the			2	2
		retrofitting design for the buildings against natural disasters				i
I.2.2	9	Further study of current methods for designing (planning) for	No		1	1
1.2.2	9	new buildings against natural disasters			1	1
I.2.3	9	Further study of current methods for designing (planning) for	No		1	1
1.2.3		retrofitting the existing buildings against natural disasters			1	1
I.2.4	10-1	Development of new method for designing the public	No		1	1
1.2.4	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No		1	1
1.2.3	10-1	buildings against natural disasters			1	1
126	11 10 21	Preparation of design manual for designing the public	No		1	1
I.2.6	11, 19, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	1

		buildings against natural disasters				
I.2.8	20, 34	Preparation of design documents including drawing for	No		1	1
		retrofitting the existing buildings against natural disasters				1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'omments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Such test is very Common in field work.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Gained some experience during 1 <sup>st</sup> years activity.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Associated in preparation of Checklis.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Associated in preparation of Checklist	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Familiar with PWD Booklet on design Criteria.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> for new building	Yes	Familiar with PWD Book of specification and code of practice.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
I.4.11	25-1, 25-2, 35-1, 35-2	C C	Yes	Observed different methods of retrofitting works during display at PWD E/M Building, under CNCRP	2	2

G 1	Work		Experience	<b>C</b>	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No		1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No		1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A	Willingness	Rat	ting
Code	Assessment Item	(Yes or No)	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	5	5

# Name of the C/P and his/her position: K.M Mostafa Hasan Team Member, Component 4, Monitoring & Audit Circle (since October 2009, have 10 years experience at Design Circle I)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

C - 1 -	Work Item	Accessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have some knowledge how to prepare inventory	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	Have some knowledge how to implement the assessment	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No		1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work		Experience	Comments		ing
Couc	Item No.	1 155C55HICHT TECH	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have further study on BNBC, ATC40 and related online articles.	2	2
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	I worked as Sub-Divisional Engr. in Design Division-2 for almost 10 years and I had to study different design methods for new buildings. I am very much interested to have further study on design methods for new buildings against natural disasters.	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	Have strong interest.	1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Retrofitting & retrofitting methods are new here. I have visualized the demonstration work of different retrofitting methods carried out by WT3 and have	1	1

				strong interest in it.		
126	11, 19, 21	Preparation of design manual for designing the public	No		1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	1
1.2./	11, 19, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	No		1	1
1.2.8	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work	Accessment Item	Experience	Comments	Rat	ting
Couc	Item No.		(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have observed the concrete cylinder strength test procedure in the laboratory.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	I have studied online relevant literatures and papers supplied by JET member.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	I am involved in preparation of checklist.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	I am involved in preparation of checklist.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	BNBC is usually followed as guidelines during design phase of new buildings.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	Code of Practice & Design criteria Minimum requirements of PWD are followed as guidelines during construction phase.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1

1 4 11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	1	1
	35-1, 35-2	quality		ł	

C 1	Work	A ccocemant Itam	Experience	6 4	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No		1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	I was unofficially involved in the preparation of PWD Training Curriculum.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C . 1	Assassment Item	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position: Kazi Md. Firoze Hassan, Executive Engineer, PWD PECU Division, Purta Bhaban, Dhaka

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

	Work Item	Assessment Item	Experience (Yes or No)		Rat	ting
Code No.	No.			Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No		1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
115	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
I.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work Item	Assessment Item	Experience	Comments	Rating	
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No		1	1
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	As a Civil Engineer I had to study different design methods for new buildings. I have the interest to have further study on design methods for new buildings against natural disasters.	2	2
1.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	No	I have strong interest.	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Retrofitting and retrofitting methods are new here. I have strong interest in it.	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No		1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No		1	1
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No		1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have observed the concrete cylinder strength test procedure in the laboratory.	2	2
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No		1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	I am involved in preparation of checklist.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	I am involved in preparation of checklist.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	BNBC is usually followed as guidelines during designing for new buildings.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	PWD Book of Specification and Code of Practice are followed as guidelines during construction phase.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No		1	1

G 1	Work	Assessment Item	Experience		Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/workshop for the PWD works to be disseminated to other relevant organizations	No		1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	As a co-ordinator of PWD Training Academy I am involved in the preparation of PWD Training Curriculum, materials, budget plan and course schedule.	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1		Experience		Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

# Name of the C/P and his/her position: ABDULLAH MOHAMMOD ZUBAIR; SUB-DIVISIONAL ENGINEER; DESIGN DIVISION-5, PWD

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

# 1) The PDM Output 1-related items

	Work Item	A	Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	YES	by observation only	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	YES	Not in detail.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	NO		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	NO		1	1
1.1.3	31-1	the existing buildings				ı
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO		1	1

Code	Work		Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	NO		1	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	YES	Considering soil erosion beside the river, filling of ditch area, earth quack, salinity problem etc.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	NO		1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	YES	Have some experience with CNCRP	2	2
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	YES	Have some experience with CNCRP	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	NO		1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	NO		1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	NO		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment tem	(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	NO	Have experience to test Re-bar and concrete from laboratory.	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	NO		1	1

Code	Work	Assessment Item Experience		Comments		ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	YES	Through Online articles, and sharing from others experience.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	YES	I have the checklist (myself only) for ensuring quality assurance during designing (planning) for new building.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	YES	I can make the checklist for ensuring quality assurance during construction for new building.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	NO		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	NO		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	YES	As a guideline BNBC is used.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	YES	As a guideline "BOOK OF SPECIFICATION AND CODE OF PRACTICE-PWD" is used	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	NO		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	NO		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	YES		2	2
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	YES		2	2

G 1	Work	A	Experience	0	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	NO		1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO		1	1
1.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO		1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	A 4 I/	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES		4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		4	4

# $2^{ m nd}\,{ m year}$

Individual Aspect (Working Team 5)

# Name of the C/P and his/her position: Sardar Mainul Islam, Executive Engineer, PWD Resource Division and Deputy Director PWD Training Academy, Team Leader, Working Team -5, CNCRP

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

G 1	Work Item		Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	no	no experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	no	no experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	yes	little experience	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	no	no experience	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the	no	no experience	1	1
1.1.3	31-1	existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	no	no experience	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	yes	attended 2 related seminars	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	yes	attended 2 related seminars related retrofiting	2	2
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	no	no experience	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	no	no experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	no	no experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	no	no experience	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	no	no experience	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	no	no experience	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	yes	have some experience	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	no	no experience	1	1

Code	Work Item	Assessment Item	Experience	Comments	Ra	ting
Code	No.	Assessment item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	yes	have participates in seminars & training	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	yes	have prepared some check list	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	yes	have prepared some check list	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	no	no experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the retrofitting work	no	no experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	no	no experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	no	no experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	no	no experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	no	no experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	yes	no experience	3	3
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	no	no experience	1	1

6.1	Work Item		Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	yes	have conducted training programs on technical matters, quality control etc	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	yes	need more experience	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	no	no experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	no	no experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	no	no experience	1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	no	no experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

	Assassment Item	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	yes		4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	yes		5	5

### Name of the C/P and his/her position: Md. Morshed Hossain, Team Member, Unit - 5 & Sub-divisional Engineer, PWD Resource Division, Dhaka.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

	Work Item	A	Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	no	no experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	no	no experience	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	yes	Have a little experience to study BNBC	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	yes	Have a little experience to study ACI Code	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the	No	no experience	1	1
1.1.3	31-1	existing buildings				<u>i                                      </u>
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	no experience	1	1

### 2) The PDM Output 2-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Couc	No.	ASSESSMENT TELL	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	yes	Have participated in two nos related seminars & several related classes in PWD conference room.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	yes	Have participated in two nos related seminars & several related classes in PWD conference room.	2	2
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	no	no experience	1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	no	no experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	no	no experience	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	no	no experience	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	no	no experience	1	1
1.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	no	no experience	1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ting
			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	yes	Have experience on strength test of concrete core	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	no	no experience	1	1

Code	Work Item	Assessment Item	Experience	Comments		ting
Couc	No.	ASSESSMENT TELL	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	yes	have participated in seminars & related various trainings	4	4
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	yes	have prepared a check list for ensuring quality assurance	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	yes	have prepared a check list for ensuring quality assurance	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	no	no experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the retrofitting work	no	no experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	no	no experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	yes	have some experience on guidelines for ensuring quality assurance during construction for new building	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	no	no experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	no	no experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	yes	have experience on preparation of materials for training	3	3
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	have some experience on monitoring of retrofitting works at the retrofitting workshop in PWD.	2	2

G 1	Work Item	A	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	have conducted training programs on quality control, construction management & other technical matters etc.	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	have experience on preparation of training materials, budget plan and schedule but also need more experience	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	no experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	no experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	no	no experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	no	no experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

		Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	yes		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	yes		4	4

### <u>Name of the C/P and his/her position</u>: MOHAMMAD ABUL KALAM AZAD, Sub-Divisional Engineer (Civil), PWD Design Division-VI, Design Circle II, Dhaka (since June 2005, has experience as campus engineer at Bangladesh National University, worked at the private sector (contractor) from 2002 to 2003.)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

Cada	Work Item	A ccoccmont Itom	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments		E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	Studied a 3.0 Credit theory course on GIS	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have some idea through CNCRP. Need advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Studied on design point of view	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	NO experience, Need advice	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	NO experience, Need advice	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experience, Need advice	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other existing	Yes	Participated a 7 ( seven) day long Training course		
I.2.1	8	literatures related to designing as well as the retrofitting design for the		on " Earthquake Resistant Design & Retrofitting of	2	2
		buildings against natural disasters		Buildings.		
1.2.2	9	Further study of current methods for designing (planning) for new buildings	No	Need advice	1	1
1.2.2	9	against natural disasters			1	
1.2.3	Q	Further study of current methods for designing (planning) for retrofitting the	No	Need advice	1	1
1.2.3	,	existing buildings against natural disasters			1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against	No	Need advice	1	1
1.2.7	10-1	natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against	No	Need advice	1	1
1.2.3	10-1	natural disasters			1	1

I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Need advice	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Need advice	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	Need advice	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Couc	No.	1 kijoesijii ent teem	(Yes or No)	Comments		E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Has done when I worked at a contractor. Need more advice	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need advice	1	1

Code	Work Item		Experience	Comments	Rat	ting
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have joined in some seminars sometimes at IEB. Need more advice	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need more advice		1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need more advice	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Need advice	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Need advice	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Need more advice	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for</u> <u>new building</u>	No	Need advice	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Need advice	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	Need advice	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Need advice	1	1
I.4.11	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure quality	No	Need advice	1	1

	1 25 1 25 2			
1	1 33-1 33-2	I	1	1
	-,			

C. J.	Work Item	A 4 T4	Experience	Comments		ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes Have conducted 2 seminars		3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have some idea.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Need advice	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	yes	Have done in-house trainings. Need advice	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Need advice	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Need advice	1	1

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

	A	Willingness		Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

### $2^{nd}\,year$ Organizational Aspect

### Organizational Aspect

C. I.		T. P 4.		Survey Result	
Code		Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey
PWD's	management				
0.1		Project-related activities (i.vulnerability assessment of the existing building using GIS, ii. designing (planning) for new buildings against natural disasters, iii. designing (planning) for retrofitting the	<ul> <li>3) i. Nil</li> <li>ii. 26 persons (Engineers of different level)</li> <li>iii. Nil</li> <li>iv. Nil</li> <li>v. All Executive Engineers posted in field divisions are primarily responsible for quality</li> </ul>	1) 667 Persons, some new post has been created but not filled yet. Total nos of post for Class1 staff is now 823. 2) 0.11. Expected 0.147apx (w/823). 3) i. Same as 2011 ii. 26 persons (Engineers of different level), another 6 post has been created but not filled yet. iii. same as 2011 iv. same as 2011 v. same as 2011 vi. Nil (Presently 3 part time officers are on additional charge), A proposal for 24 new staff of different levels has been submitted to the Govt.	
0.2	Coordination	Does PWD coordinate with other related organizations such as MHPW, ERD, DMB, MoFDM, DoA, BUET, BRI, HBRI, other donors in order to achieve the PDM's Overall Goal?	-Yes. Initiative has been taken for this co-ordination with almost all the related organizations.	-Yes. The co-ordination with all the related organization is getting strong.	
O.3	Concern of the PWD's top leaders	<ol> <li>Concern in retrofitting of the public buildings including government building, hospital, fire station, school, shelter, etc.</li> <li>Concern in issuance of the official license to the engineers completing training programme introduced by the Project</li> <li>Concern in the incorporation of the manuals prepared through the Project into the future edition of BNBC</li> <li>Future prospect of the retrofitting works being financed by the Bangladesh side</li> </ol>		<ol> <li>Same as 2011.</li> <li>Same as 2011.</li> <li>Same as 2011.</li> <li>Same as 2011.</li> </ol>	

PWD's	Financial Status				
O.4 PWD's 1	Financial Status  Equipment and Ma	government or budget allocated by the Government, ii. business income if any, etc.)  2) PWD's expenditure (i. subcontracting cost, if any, ii. expenditure for retrofitting works, etc.)	(For FY 2010- 2011)- Tk.15,540.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2010- 2011)- Tk.15,540.00 (million) i) Nil.	1) i. Budget allocated by the Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2011- 2012)- Tk. 65,884.00 (million) i) Nil. ii) Nil	
O.5	Equipment and	Vehicles, equipment necessary for material test, etc. How much equipment does PWD own?     Status of maintenance of the above equipment	2) Have maintenance record.	operation is now available. 92 set	
O.6	Intellectual Resource	Volume of building inventory data     Vulnerability assessment     Roadmap for retrofitting     Design manual for designing the building against natural disasters     Design manual for retrofitting the building against natural disasters     Design documents for retrofitting     Manual for retrofitting works     Checklist for quality assurance     Judgment guidelines for quality assurance	2) Not yet undertaken 3) Not yet undertaken 4) BNBC/ACI/IBC is followed 5) Not yet undertaken 6) Nil 7) Nil 8) Nil 9) Nil 10) Yes but not adequate 11) Not adequate 12) Nil	1) building inventory data of 2020 nospublic building of Dhaka city has been taken. 2) Same as 2011 3) Same as 2011 4) Same as 2011 5) Preparation of design manual for retrofitting of building has been started and in process. 6) A few design documents for retrofitting is collected. 7) A draft copy of "Guideline for retrofitting works" has been completed. 8) Draft checklist for design has been completed. 9) Same as 2011 10) Same as 2011 11) Same as 2011 12) Same as 2011	

### $2^{\rm nd}\,{ m year}$ Institutional Aspect

**Institutional Aspect** 

Cada	Tu dinatan		Survey Result			
Code	Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey		
Legal s	system at National Level					
IS.1	l) Disaster Management Act (DMA) 2) National Plan for Disaster Management (NPDM) (2008-2015) 3) Standing Order on Disaster (SOD)  How does the related laws/act or national plan/policy state about retrofitting?	1) Not yet promulgated 2) In 'Action Agenda for 2010-2015', which is a part of (NPDM), the articles related to the Project are as follows: Art 12. Action Agenda: -5.3.1.4 Use of earthquake risk maps in urban planning and development -5.3.1.5 Update and ensure compliance of BNBC -5.3.1.6 Review and revise building safety codes on evacuation of people with emphasis on persons with disabilities -5.3.1.7 Develop and implement retrofitting programs for vulnerable critical infrastructure. (Lead agency: MoHPW) 3) See Art.4.2.13.1	3) Same as 2011			
Institu	tion					
IS.2	Statements of the PDM's Overall Goal  1) Is any institution on retrofitting of the public buildings including government building, hospital, fire station, school shelter, etc. established? 2) Is any institution on the issuance of license to the engineers completing training programme introduced by the Project established? 3) Are any manuals prepared through the Project incorporated into BNBC?	nt l, l, lof No ge e	1) Same as 2011 2) Same as 2011 3) Same as 2011			
IS.3	Public awareness on retrofitting  Is any institution on promotion of public awareness activities on retrofitting of the existing buildings built?		3) Same as 2011			

3<sup>rd</sup> year

# $3^{\rm rd}$ year ${ m Individual\,Aspect\,(Working\,Team\,\,1)}$

Name of the C/P and his/her position: Mr. Ali Newaz Ahmed, Team Leader of Component. 1 (executive Engineer, Survey Division, Project Circle-1) Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C . 1	Work Item	A T	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	More Training is needed	4	4
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	More Training needed	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Training needed	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Training needed	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Training needed	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Training needed	1	1

Code	Work	Assessment Item	Experience	Comments		ing
Couc	Item No.	1155055iiieiit 100iii	(Yes or No)		C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Training needed	2	2
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	Training needed	1	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	Training needed	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Training needed	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	More Training needed	2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Training needed	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	More Training needed	1	1
12.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	More Training needed	1	1

Code	Work Item No.	Assessment Item	Experience	Comments		ting
			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	More Training & practice is needed	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training needed	1	1

Code	Work	A concernant Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Training is needed	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	Training is needed	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Training is needed	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Training is needed	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Training is needed	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Training is needed	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Training is needed	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Training is needed	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	Training is needed	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Training is needed	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	Training is needed	1	1

G 1	Work		Experience		Ra	ting
Code	Item No.	em No.		Comments		E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	No Experience	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No Experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1		Willingness	C	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am gathered same experience & able to do it.	3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am gathered same experience & able to do it.	3	3
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am gathered same experience & able to do it.	3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I am gathered same experience & able to do it.	3	3

### Name of the C/P and his/her position: Muhammad Mostafijur Rahman, Sub-Divisional Engineer, Team Member, WT-1.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

	Work Item	A ccacemant Itam	Experience		Rat	ting
Code	No.		(Yes or No)	Lommonte	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	ArcGIS 10 and MS Access have been learned and process of Building Inventory is going on with the softwares.	4	4
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Learned from lectures, seminars and workshop of CNCRP. Need more guidance.	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Learned something from lectures, seminars and workshop of CNCRP. Need more guidance.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Learned something from lectures, seminars and workshop of CNCRP. Need more guidance.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience. Need training and guidance.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience. Need training and guidance.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Couc	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience. Need training and guidance.	1	1

Code	Work	Assessment Item	Experience	( 'amments	Rat	ing
Couc	Item No.		(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience. Need training and guidance.	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)		Rat C/P	ting E
I.4.1	12	Further study of quality assurance system	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience. Need training and guidance.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience. Need training and guidance.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some knowledge by attending lectures, seminars, workshop under CNCRP.	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
1.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Have some experience by attending lectures, seminars, workshop under CNCRP.	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A agasament Itom		<b>G</b>		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am involved with the seminars, workshops of CNCRP	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am concerned to prepare the project report.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am willing to promote the awareness program.	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I got training in Japan and I am willing to use the experience.	5	5

### Name of the C/P and his/her position: Rafia Begum, Sub-Divisional Engineer, PWD E/M Planning and design Circle & Team Member, Working Team 1 of CNCRP project

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C . 1	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Attended training for ARC GIS 10 and MS ACCESS and involved with the preparation of	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	building inventory database.  Got some idea by attending some meetings held during the work, More study is required.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience, study of BNBC regarding vulnerability assessment is required	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience, study of Foreign codes for vulnerability assessment is required	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Have no experience, training is required	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Have no experience, training is required	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Got some idea by attending lectures and trainings		
I.2.1	8	existing literatures related to construction as well as the		under CNCRP project. More study is required	2	2
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Got some idea by attending lectures and trainings	2	2
1.2.2		new buildings against natural disasters		under CNCRP project. More study is required		2
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Got some idea by attending lectures and trainings	2	2
1.2.3	9	retrofitting the existing buildings against natural disasters		under CNCRP project. More study is required		
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Study/training is required	1	1
1.2.4	10-1	buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Study/training is required	1	1
1.2.3	10-1	buildings against natural disasters			1	1

I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Study/training is required	1	1
		Preparation of design manual for retrofitting the public	No	Study/training is required	_	
1.2.7	11, 19, 21	buildings against natural disasters	1,0	Sudy duming is required	1	1
1.2.8	20, 34	Preparation of design documents including drawing for	No	Study/training is required	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience	('omments	Rat	ing
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training is required	1	1

Code	Work		Experience	Comments	Rating		
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E	
I.4.1	12	Further study of quality assurance system	No	Study is required	1	1	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	Study is required	1	1	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Study is required	1	1	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Study is required	1	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Study is required	1	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Study is required	1	1	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	Study is required	1	1	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Study is required	1	1	
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	Study is required	1	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Study is required	1	1	
I.4.11	25-1, 25-2, 35-1, 35-2		No	Study is required	1	1	

C. I.	Work	A consequent Ham	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Got Some Experience by attending seminar/workshop. More study is required.	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	Study is required	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Got Some Experience by attending seminar/workshop. More study is required.	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Study is required	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Study is required	1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Study is required	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

		Willin		Rat	ting
Code	Assessment Item	gness (Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attended a seminar and a workshop and feel very well about it and after having more experience I will able to do.	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Yes, I want to prepare progress/completion report.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.		I want to promote awareness of retrofitting of existing buildings as well as seeking cooperation of other related organization in promoting such activity	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I want to apply experience of training in Japan in daily work	5	5

### Name of the C/P and his/her position: A.K.M. Sajadur Rahman, Assistant Engineer, Team Member, WT-1.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

	Work Item	A seasement Itam	Experience	Comments	Rat	ing
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have been trained in GIS and MS Access	4	4
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No practical experience. Learned from lectures but need further guidance	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Training obtained.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Training obtained.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience. Need training and guidance.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience. Need training and guidance.	1	1

### 2) The PDM Output 2-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	No practical experience. Need guidance.	2	2
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	No practical experience. Need guidance.	2	2
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	No practical experience. Need guidance.	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Have some knowledge. But no practical experience.	2	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No practical experience. Need guidance.	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience. Need guidance.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience. Need guidance.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience. Need guidance.	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'amments	Rat	ing
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some knowledge by observing core test in field.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience. Need training and guidance.	1	1

Code	Work	A coordinate I tom	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	No practical experience. Need guidance.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No practical experience. Need guidance.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No practical experience. Need guidance.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No practical experience. Need guidance.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No practical experience. Need guidance.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No practical experience. Need guidance.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No practical experience. Need guidance.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No practical experience. Need guidance.	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No practical experience. Need guidance.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience. Need training and guidance.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experience. Need training and guidance.	1	1

C 1	Work Item No.	m No.	Experience	<b>C</b> 4	Rat	ting
Code			(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37,	<u>*</u>	Yes	Attended some seminars.	2	2
1.5.1	41, 43	disseminated to other relevant organizations				
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Training obtained.	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Training obtained.	2	2
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A CCCCMENT ITEM	Experience	Comments		ing
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am concerned to prepare the project report.	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am willing to promote the awareness program.	3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	4	4

# $3^{\rm rd}$ year ${ m Individual\,Aspect\,(Working\,Team\,\,2)}$

Name of the C/P and his/her position: Md. Rafiqul Islam, Executive Engineer, PWD Design Division-3 & Team Leader, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C. I.	Work Item	Assessment Item	Experience	G	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Some experience	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provision for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need more study and experience	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Some experience	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs enough exercise for confidence		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Need more experience	4	4
1.2.2	,	new buildings against natural disasters			-	
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs enough exercise for confidence	2	2
1.2.3	,	retrofitting the existing buildings against natural disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Some experience	2	2
1.2.0	11, 12, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	2	2
1.2./	11, 19, 21	buildings against natural disasters				
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Some experience	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				

Code	Work Item No.	Accecement Item	Experience (Yes or No)	( 'omments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience. Need more exercise.	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience.	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Some experience	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience. But no formal check list.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

C. 1.	Work	A 4 T4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct two training program for the designer.	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Conduct two training program for the designer.	4	4
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Delivered some lectures	4	4
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Have experience	3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	No experience of deliver lecture on retrofitting works. Have some experience of demonstration.	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	Assessment Item	Experience	<b>C</b>		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Not very much	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Very much	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

### Name of the C/P and his/her position: ANUP KUMAR HALDER (Team member, Working Team-2), Design Division-V, PWD

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

	Work Item	Assessment Item	Experience		Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Learnt method by lectures	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assessed using Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied some foreign codes	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Checked draft manual	2	2
1.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	As shown in 1.1.4	3	3
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	Have learned methods by lectures and training courses.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have learned methods by lectures and training courses.	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Some experience	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Some experience	2	2
1.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	Checked draft manual	2	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	Yes	Through test work and lectures	2	2

Code	Work Item No.	Accecement Item	Experience (Yes or No)	( 'omments	Rat	ing
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have practical experience	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Checked draft manual	2	2

Codo	Work	A	Experience	Commonte	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		1	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Test work and previous working experience before joining PWD.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Test work and previous working experience before joining PWD.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Test work and lecture	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Test work and lecture	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Test work and lecture	2	2
	25-1, 25-2, 35-1, 35-2		Yes	Test work and lecture	2	2

C. 1.	Work	A 4 T4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Some experience. Conduct two training as trainer	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Delivered lecture in two training sessions	4	4
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes		3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes		2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Delivered lecture on retrofitting works	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience			ing
Code	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

### Name of the C/P and his/her position: Md. Emdadul Huq, Assistant Engineer, PWD Design Division-1, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C. 1.	Work Item	A ccoccmont Itom	Experience	G	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provision for vulnerability assessment	1	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need more study and experience	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Some experience	2	3
1.1.5	31-1	the existing buildings				1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs enough exercise for confidence		
I.2.1	8	existing literatures related to construction as well as the			2	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Need more experience	3	3
1.2.2	,	new buildings against natural disasters			3	
1.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs enough exercise for confidence	2	3
1.2.3		retrofitting the existing buildings against natural disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	No experience	1	1
1.2.3	10 1	buildings against natural disasters			1	1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Currently I am involved to prepare the new design	2	2
1.2.0	11, 17, 21	buildings against natural disasters		manual.	2	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	I am involved to prepare the retrofitting manual.	2	2
1.2./	11, 19, 21	buildings against natural disasters			2	2
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Already I have completed one building(Retrofit	3	3
1.2.6	20, 34	retrofitting the existing buildings against natural disasters		design drawing)	3	ر

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'amments	Rating	
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience.	2	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	No experience.	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
					C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Some experience	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

Code	Work	A 4 T4	Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct two training program for the designer.	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Conduct two training program for the designer.	3	3
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	I attained lectures on design of the new public buildings against natural disasters.	2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Some experience	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	I attained lectures on retrofit work of the existing public buildings	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A 4 T4	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attained all projects related meetings where I have access to attain.	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am willing to prepare project related reports	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very Much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very Much	5	5

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	There is no scope of such works in our Department	1	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assess one building under CNCRP	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC do not have such guidelines	1	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied codes, literatures and in attended training courses	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	Assisting to manual preparation for CNCRP	3	3
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes	Getting knowledge through CNCRP	3	3

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	BNBC, ACI, FEMA	3	3
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	BNBC, ACI	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Learning through working with CNCRP and relevant study. Need much exercise on real buildings.	3	3
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Not such experiences	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Not such experiences	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Learning through working with manual preparation works of CNCRP	2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	Learning through working with manual preparation works of CNCRP	2	2

128	20.34	Preparation of design documents including drawing for	Yes	Learning through working CNCRP building	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters		assessment	]	3

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'omments	Rat	ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have taken column cores and tested for assessment	4	4
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Learning through CNCRP.	2	2

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have experience of site visit and quality inspection	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have got some experiences need more.	3	3
1.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have got some experiences need more.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have got some experience through the building assessment and retrofitting design under CNCRP	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Did not get such scope of works	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Have got some experiences need more.	3	3
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Have got some experiences need more.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Did not get such scope of works	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	Did not get such scope of works	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Did not get such scope of works	1	1
	25-1, 25-2, 35-1, 35-2		No	Did not get such scope of works	1	1

G 1	Work	A ccacemant Itam	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Prepared lecture sheet and provided lecture in the CNCRP Training Sessions for other departments this year	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	Did not get such scope of works	1	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Lecture on Level-01 provided in PWD	3	3
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Did not get such scope of works	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Did not get such scope of works	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Did not get such scope of works	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A SCESSMENT ITEM	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Little Experiences	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Little Experiences	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Little Experiences	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Little Experiences	5	5

#### Name of the C/P and his/her position: MD. MOMINUR RAHMAN, TEAM MEMBER, COMPONENT-2, EXECUTIVE ENGINEER

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Colo	Work Item	A ccoccmont Itom	Experience	G	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Some experience	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	In BNBC, no provisions for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	More study is needed	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Some experience	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs more study		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Needs more exercise	4	4
1.2.2	,	new buildings against natural disasters			7	7
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs more exercise	2	2
1.2.3	,	retrofitting the existing buildings against natural disasters			2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Some experience	2	2
1.2.0	11, 17, 21	buildings against natural disasters			2	2
127	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	2	2
1.2.7	11, 19, 21	buildings against natural disasters			2	
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Needs more exercise	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Need more exercise	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience	2	2

Code	Work	Accecement Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

C. 1.	Work	A 4 T4	Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct two training program for the designer.	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Conduct two training program for the designer.	4	4
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Some lectures are delivered	4	4
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Some experience	3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Some experience on demonstration	2	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	Assassment Item	Experience	Comments		ing
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	very much	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	very much	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	very much	5	5

#### Name of the C/P and his/her position: Moniruzzaman Moni, Assistant Engineer, PWD Design Division-3, Member Working Team-2.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	I don't have any experience regarding the preparation of GIS inventory.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Vulnerability Assessment of the existing building by using Japanese method by using 1 <sup>st</sup> level and 2 <sup>nd</sup> level screening and ASCE 41	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC has no guideline for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	I have gone through FEMA 356, ASCE-41, ATC-40, and also performed Pushover analysis for seismic vulnerability assessment of the existing building.	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	I am a member of working team-2. As a member of working team-2 I am involved with the preparation of vulnerability assessment manual.	3	3
I.1.6	16, 33	Preparation of road map for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	The technology is changing every day so there is no alternative to update with rest of the world.	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Bangladesh is country of natural disaster so for designing new building we need to consider all natural disaster.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	I don't have much practical experience for retrofitting design so more work need to be done to gather more knowledge.	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1

I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	In my MSc I used steel jacketing for retrofitting of multi column bridge bent.	2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Currently I am working to prepare the new design manual.	2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	I am involved to prepare the retrofitting manual.	2	2
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	Yes	Although I did not it alone but as a member of working team two I know how can it has to be prepared.		2

Code	Work	Assessment Item	Experience	( 'omments		ting
Couc	Item No.		(Yes or No)		C/P	E
			Yes	I was involved to take core from the existing	4	4
I.3.1	10-1, 10-2	Material test such as strength test of concrete core		building and testing of the core in the PWD		I
				laboratory.		1
122	21, 22-1,	Preparation of manual for the retrofitting works	Yes	I have knowledge about the preparation of manual	2	2
1.3.2	31-2	rreparation of manual for the retrofftling works		for the retrofitting works.		<u>i</u>

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.4.1	12	Further study of quality assurance system	Yes	Although I am not involved in the working team for quality assurance system but I have knowledge about quality assurance system.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	As I am designing hospital buildings, residential building, hostel building so I need to check all criteria as per code.	3	3
1.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Since I am not working in the field I don't have much knowledge about construction but I have basic knowledge about the quality assurance during construction.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	I need more knowledge in this regard.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	In Bangladesh I have only visited the site that we did for exhibition at ground floor of EM building in	2	2

				PWD head quarter. But I have visited different sites at Japan. I have gathered knowledge from this vists.		
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	As I am designing hospital buildings, residential building, hostel building so I need to check all criteria as per code.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	I need more knowledge in this regard.	1	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	I have knowledge about the guide line required during designing for retrofitting.	2	2
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	I have knowledge but need more	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	I don't have any experience regarding this issue.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	I gathered experience both in Japan and Bangladesh.	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	I took one class on pushover analysis.	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	I have some knowledge regarding this issue but need more knowledge.	2	2
1.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	I attained lectures on vulnerability assessment and I also took class on the topic pushover analysis to assess seismic vulnerability.	4	4
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	I attained lectures on design of the new public buildings against natural disasters.	4	4
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	I attained lectures on design of the existing public buildings against natural disasters		4
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	I attained lectures on design of the existing public buildings against natural disasters.	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A ccocemant Itam	Experience	Comments		ting
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attained all projects related meetings where I have access to attain.	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am willing to prepare project related reports	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am doing this.	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I have already used this experience in my daily work.	5	5

Name of the C/P and his/her position: Ahmed Abdullah Noor, Sub Divisional Engineer, Sir Salimullah Medical College PWD Sub Division & Member, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

## 1) The PDM Output 1-related items

Cala	Work Item	A	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provision for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Need to study	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Some experience under this project	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Lamments	Rat	ing
Couc	Item No.	rassessment rem	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Needs more study	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Little experience	2	2
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Little experience	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	No experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience	1	1
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Little experience	2	2

retrofitting the existing buildings against natural disasters				
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Code	Work	Assessment Item	Experience	( 'amments	L	ting
	Item No.		(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rating		
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E	
I.4.1	12	Further study of quality assurance system	Yes	Little experience	2	2	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience	1	1	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Some experience. But no formal check list.	3	3	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1	
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1	
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience	1	1	

C. 1.	Work	A 4 T4	Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct two training program for the designer.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Conduct two training program for the designer.	4	4
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Little experience	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience of delivering lecture on retrofitting works.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience	6	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Very much	5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

#### Name of the C/P and his/her position: Sk. Toufiqur Rahman, Assistant Engineer, PWD Design Division-3 & Team Member, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C - 1 -	Work Item	A	Experience	G	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Participated in a training course on GIS & MS	2	2
1.1.1	3, 3, 17, 30	reparation of inventory for the public buildings using Ors		Access		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	Participated in a training but no assessment on	2	2
1.1.2	0, 18, 32	vulnerability assessment of the existing buildings		existing building yet		
I.1.3	Q	Further study of BNBC for vulnerability assessment	No	I haven't seen any topics on vulnerability assessment	1	1
1.1.3	8	rutilet study of BNBC for vulnerability assessment		in New & existing BNBC	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Not yet	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No, I have been involved in New Building Design	1	1
1.1.3	31-1	the existing buildings		Manual.		
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Not yet	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	No	I have study some portion of Japanese standard for seismic assessment and retrofitting, lecture sheets but no practical experience.	2	2
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Needs more study	2	2
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	Needs to study & practical experience	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	No experience	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	I have been involved in New Building Design Manual	3	3
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Not involved	1	1

128	20. 34	Preparation of design documents including drawing for	No	Not yet	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work	Assessment Item	Experience	( 'omments	Rat	ting
0040	Item No.	1200000	(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experience	3	3
122	21, 22-1,	Preparation of manual for the retrofitting works	No	Not involved	1	1
1.3.2	31-2	reparation of manual for the retrofitting works				1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Needs more study & practical training	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Not yet	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Not yet	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Not yet	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	e e	No	No experience	2	1

C. I.	Work	A 4 T4	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	But participated	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	Assessment Item	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	No	Interested	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	No	Very much Ineterested	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Interested	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	No	Very much interested	4	4

# 3<sup>rd</sup> year Individual Aspect (Working Team 3)

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C 1	Work Item	Assessment Item	Experience		Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No provision in BNBC regarding vulnerability assessment.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience.	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.		(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have some experience.		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	For new buildings	3	3
1.2.2	,	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	2	2
1.2.3	,	retrofitting the existing buildings against natural disasters				2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Have some experience.	2	2
1,2,7	10 1	buildings against natural disasters		1		
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	yes	Have some experience.	2	2
1.2.5	10 1	buildings against natural disasters		1		
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	No	No experience.	1	1
1.2.0	11, 17, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Have some experience.	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				2

Code	Work Item No.	A ssessment Item	Experience (Yes or No)	( 'omments	Rat	ting
0040					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experiences.	3	3
1.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Preparation of Manual (Draft) for retrofitting works	3	3
1.3.2	31-2	rieparation of manual for the renorming works		near to complete		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	yes	Have some experience.	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared checklists. No records.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have prepared checklists. No records.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience.	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	yes	No experience.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience.	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	yes	Have some experience.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	No experience.	1	1

C. I.	Work	A 4 T4	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	yes	Have some experience.	2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Not much experience. Except budget plan.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Have instructed to 30 new engineers in PWD. Have instructed as lecturer about eight times.	3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Have experiences to describe the "Test Work" of CNCRP and to conduct lecture on retrofitting works during short training courses.	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	Accocoment Item	Experience	Comments	Rat	ting
Code		(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

#### Name of the C/P and his/her position: MD. SHAFIUL ISLAM, ASSISTANT ENGINEER, PWD DESIGN CIRCLE -1, MEMBER, CNCRP WORKING TEAM-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. J.	Work Item No.	A ccoccmont Itom	Experience	G	Rating	
Code		Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have some experience, need more advice	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	yes	In BNBC, no provision for vulnerability assessment	3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Have some Experience	2	2
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Have some Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have Attended some seminar organized by ESCB,		
I.2.1	8	existing literatures related to construction as well as the		ЛСА	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
1.2.2	,	new buildings against natural disasters			3	
I.2.3	9	Further study of current methods for designing (planning) for	No	Have some experience, need more advice	2	2
		retrofitting the existing buildings against natural disasters			2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Have some experience, need more advice	2	2
1.2.7	10-1	buildings against natural disasters			2	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Have some experience, need more advice	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Have some experience, need more advice	2	2
1.2.0	11, 17, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public	Yes	Have some experience, need more advice	2	2
1.2.7	11, 19, 21	buildings against natural disasters				2
1.2.8	20, 34	Preparation of design documents including drawing for	No	Need Experience	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
0040					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	yes	Have experience and need more advice	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	yes	Having some knowledge and need more advice	3	3

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Having some knowledge, Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	yes	Having some knowledge, Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Having some knowledge, Need improvement	2	2
I.4.8	24	Guidelines for ensuring quality assurance during designing (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Having some knowledge, Need improvement	2	2
	25-1, 25-2, 35-1, 35-2		Yes	Having some knowledge, Need improvement	2	2

C 1	Work	A	Experience	<b>C</b>	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some seminar on technical seminar	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Need Improvement and training	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Need Improvement and training	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Need Improvement and training	2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Need Improvement and training	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Need Improvement and training	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1		Experience	6	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attained all projects related meetings where I have access to attain.	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am willing to prepare project related reports	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. I.	Work Item	Accoccment Item	Experience		Ra	ting
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO	No Experience	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	YES	Studied the assessment material supplied by JET	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	YES	Read BNBC for vulnerability Purpose	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	YES	Read FEMA, ASCE 41, Documents supplied by JET	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	NO	No Experience	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	No Experience but can envisage the issues related to Roadmap for Retrofitting	2	2

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	YES	Studied ACI code, IBC code, AISC, FEMA, ATC for		2
I.2.1	8	existing literatures related to construction as well as the		structural design of new buildings and also to find	2	
		retrofitting design for the buildings against natural disasters		out suitable retrofit methods for Bangladesh		
I.2.2	9	Further study of current methods for designing (planning) for	YES	ACI, IBC codes.	3	3
1.2.2	9	new buildings against natural disasters			3	
I.2.3	9	Further study of current methods for designing (planning) for	YES	Studied JASS guideline and FEMA guidelines	3	3
1.2.3	9	retrofitting the existing buildings against natural disasters			3	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO		1	1
1.2.4	10-1	buildings against natural disasters			1	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO		1	1
1.2.3	10-1	buildings against natural disasters			1	
1.2.6	11, 19, 21	Preparation of design manual for designing the public	NO		1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	NO		,	1
1.2./	11, 19, 21	buildings against natural disasters			1	
1.2.8	20, 34	Preparation of design documents including drawing for	YES		3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			3	

Code	Work Item No.	Assessment Item	Experience	Comments		ting
			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	In the CNCRP project	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	YES	A draft manual is prepared by WT-3 of this project	3	3

Code	Work	A accessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	NO	No experience	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	NO	No experience	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	YES	Experience gained through test work of the project CNCRP	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	YES	Experience gained through test work of the project CNCRP	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	NO	No experience	1	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	NO	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	YES	Experience gained through test work of the project CNCRP	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	YES	Experience gained through test work of the project CNCRP	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Experience gained through test work of the project CNCRP	1	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO		1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	YES	Experience gained through test work of the project CNCRP	1	2

G 1	Work	A 4.T/	Experience	<b>C</b>	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	NO	No experience	1	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	No experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO	No experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO	No experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO	No experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO	No experience	1	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	Accocoment Item	Experience	Comments	Rat	ing
Code		(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	IES		2	2
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		4	4

## Name of the C/P and his/her position: Nur-E-Kawonine, Assistant Engineer, PWD Design Division-1, Team Member, CNCRP Working Team-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Colo	Work Item	A	Experience	C	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have experience to some extent. Need much advice	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have attended lectures. Need much advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC does not cover vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Need Experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Attended seminars, studied codes and lecture		
I.2.1	8	existing literatures related to construction as well as the		materials provided by JET	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Through BNBC	3	3
		Further study of current methods for designing (planning) for	Yes	Attended short training on vulnerability assessment	2	
I.2.3	9	retrofitting the existing buildings against natural disasters		and retrofitting design arranged by CNCRP. Need much Experience and further advice		2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Need Experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need Experience	1	1
1.2.3	10 1	buildings against natural disasters				•
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	No	Need Experience	1	1
1.2.0	11, 19, 21	buildings against natural disasters				•
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Need Experience	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Have experience to some extent. Have worked as a	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters		member of WT-3 of CNCRP. Need much advice		2

Code	Work Item No.	Accecement Item	Experience	Comments	Rat	ing
			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience, but still need more advice	3	3
122	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Have experience to some extent. Have worked as a	2	2
I.3.2	31-2	rieparation of manual for the retrofftling works		member of WT-3 of CNCRP. Need much advice		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Need improvement	2	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need improvement	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Need improvement	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Need improvement	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3

G 1	Work	A 4.T/	Experience	<b>C</b> 4	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments		E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have experience to some extent. Need much advice	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have experience to some extent. Need much advice	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Need Experience	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Need Experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Need Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Need Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1		Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position: ZAHID HASAN KHAN, Assistant Engineer (Civil), Design Division-5, PWD, Dhaka & Team Member of Team-03

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

	Work Item	Assessment Item	Experience	Commonts	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	NO experíence	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	NO experíence	1	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes		1	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	NO experíence	1	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	NO experíence	1	1
1.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experíence	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)		C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Need more training and guidance		
I.2.1	8	existing literatures related to construction as well as the			1	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Need more training and guidance	1	3
1.2.2	9	new buildings against natural disasters				3
I.2.3	9	Further study of current methods for designing (planning) for	No	Need more training and guidance	1	1
1.2.3	9	retrofitting the existing buildings against natural disasters				1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO	Need more training and guidance	1	1
1.2.4	10-1	buildings against natural disasters				1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need more training and guidance	1	1
1.2.3	10-1	buildings against natural disasters				1
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Need more training and guidance	1	1
1.2.0	11, 19, 21	buildings against natural disasters				1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Need more training and guidance	1	1
1.2./	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	Need more training and guidance	1	1
1.2.6	20, 34	retrofitting the existing buildings against natural disasters				1

Code	Work Item No.	Accecement Item	Experience	( 'amments	Rat	ting
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Need more training and guidance	2	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need more training and guidance	1	1

Cada	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need more training and guidance	1	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need more training and guidance	1	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need more training and guidance	1	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experíence	1	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experíence	1	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need more training and guidance	1	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experíence	1	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experíence	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experíence	1	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experíence	1	2
	25-1, 25-2, 35-1, 35-2		No	No experíence	1	3

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Need more training and guidance	1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experíence	1	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experíence	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experíence	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experíence	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	A agasam and Itam		<b>C</b> 1		ing
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Need more guidance	3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Need more guidance	4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Need more guidance	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Need more guidance	3	3

# 3<sup>rd</sup> year Individual Aspect (Working Team 4)

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. I.	Work Item	Accocoment Item	Experience	Comments		ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No		2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No		2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
115	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
I.1.5	31-1	the existing buildings				1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have further study of BNBC, ATC 40 and related literatures on internet.	2	2
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	Before joining Audit Division, I worked for nearly 10 years as sub-divisional engineer in PWD Design Division II. I had to study prevailing methods for designing new buildings. Still I am very much interested to take further study on the methods for designing new buildings.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No		1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Retrofitting & Retrofitting methods are new here. Have seen the demonstration works of retrofitting methods.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No		1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have observed the procedures for testing concrete cylinder for concrete strength.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	I have studied Q/A in ACI manuals and other related documents given by JET. I want to update my knowledge on it.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	I am involved with the preparation of checklists.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	I am involved with the preparation of checklists.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	BNBC is usually followed as guidelines during designing new buildings.	1	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	"Design criteria and minimum requirements" of PWD & Code of practice and book of specification is followed as guidelines during construction phase.	1	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No		1	1

I.4.10	25-1	Preparation of materials for the training on quality assurance	No	1	1
	25-1, 25-2,	Monitoring of the retrofitting works done in order to assure	No	1	1
1.4.11	35-1, 35-2	quality			

Code	Work		Experience	Comments	Rating	
	Item No.		(Yes or No)	00	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No		1	1
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	I was initially involved in the preparation of PWD Training Curriculum.	1	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Attended a Short Training Course on "Seismic Assessment, Retrofit Design and Construction of RC Buildings".	2	2
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Attended a Short Training Course on "Seismic Assessment, Retrofit Design and Construction of RC Buildings".	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A 4 T4	Experience	Comments		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

Colo	Work Item		Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	NO	Have experience to observe the assessment work.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	YES		3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	YES		2	2
I.1.5	21 1	Preparation of manual for doing vulnerability assessment of	NO		1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO		1	1

Code	Work		Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	YES			ı
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	YES		3	3
1.2.2	9	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	YES		3	3
		retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO		1	2
1.2.4	10-1	buildings against natural disasters			1	
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO		1	2
1.2.3	10-1	buildings against natural disasters			1	2
I.2.6	11, 19, 21	Preparation of design manual for designing the public	YES	Have few experience, regarding design guide line.	2	2
1.2.0	11, 17, 21	buildings against natural disasters			2	2
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	NO		1	1
1.4.7	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	NO		1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Item No.	Assessment Item	Experience (Yes or No)	Comments		ing
7.2.1					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	I have seen a test work.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	YES	I have seen the draft copy.	2	2

Code	Work	A coordinate I tom	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	YES		4	4
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	YES		3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	YES	Need feedback.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	NO		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	YES	A few experience.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	YES		2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	YES		3	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	NO		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	YES		2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	A few experience.	2	2
1 1 /1 1 1	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	YES		2	2

C. 1.	Work	A scossmont Itam	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	NO	A few experience.	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	NO	A few experience.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO		1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO		1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	NO		3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	NO		3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		5	5

# $3^{\rm rd}$ year ${ m Individual\,Aspect\,(Working\,Team\,\,5)}$

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C 1	Work Item	Assessment Item	Experience		Rat	ting
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS			2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings			2	2
I.1.3	8	Further study of BNBC for vulnerability assessment			3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment			1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of			1	1
1.1.3	31-1	the existing buildings	ldings			
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings			1	1

Code	Work		Experience	Comments	Rating	
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other				
I.2.1	8	existing literatures related to construction as well as the			2	2
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for			2	2
1.2.2		new buildings against natural disasters			_	
I.2.3	9	Further study of current methods for designing (planning) for			2	2
1.2.3		<u>retrofitting</u> the existing buildings against natural disasters				2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public			2	2
1.2.7	10-1	buildings against natural disasters				2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public			2	2
1.2.3	10-1	buildings against natural disasters			2	2
1.2.6	11, 19, 21	Preparation of design manual for designing the public			2	2
1.2.0	11, 19, 21	buildings against natural disasters				2
127	11, 19, 21	Preparation of design manual for retrofitting the public			2	2
1.4./	11, 19, 21	buildings against natural disasters				
I.2.8	20, 34	Preparation of design documents including drawing for			2	2
1.2.0	20, 34	<u>retrofitting</u> the existing buildings against natural disasters				2

Code	Work Item No.	Accecement Item	Experience (Yes or No)	('omments		ing
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core			3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works			2	2

Codo	Work	A accessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system			3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building			3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building			3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting			3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>			2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building			2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>			2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting			2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>			2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance			3	3
I.4.11	25-1, 25-2, 35-1, 35-2				1	1

G 1	Work	A	Experience	6 4	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	5.1 13, 27, 37, Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations		4	4		
1.5.2	Preparation of training curriculum, materials, budget plan and schedule		3	3		
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings			2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters			2	2
1.5.5	Lecture on designing (planning) of the existing public buildings against natural disasters			1	1	
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings			2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1		Experience	<b>C</b>	Rating	
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings			1	1
1.0.1	such as JCC, seminar/workshop.			4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as			4	4
1.0.2	progress report, completion report.			4	4
	I am (this C/P is) willing to do promote public awareness activities on				
I.6.3	retrofitting of the existing buildings. I am (this C/P is) willing to ask for			4	4
	other related organizations' cooperation in promotion of such activity.				
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for			5	5
1.0.4	daily work.			3	3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

## 1) The PDM Output 1-related items

C 1	Work Item	n			Rating	
Code	No.	Assessment Item	(Yes or No)	Comments	Rati C/P  1 2 1 1 1 1	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No		1	1
I.1.2	6, 18, 32	2 Vulnerability assessment of the existing buildings Yes		2	2	
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes		2	2

Code	Work	Assessment Item	Experience		Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	No			
I.2.1	8	existing literatures related to construction as well as the			1	1
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	No		1	1
	_	new buildings against natural disasters				
I.2.3	9	Further study of current methods for designing (planning) for	No		1	1
1.2.5	_	retrofitting the existing buildings against natural disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	1
1.2. 1	10 1	buildings against natural disasters				
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No		1	1
1.2.3	10 1	buildings against natural disasters				
126	11, 19, 21	Preparation of design manual for designing the public	No		1	1
1.2.0	11, 17, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	. 1
1.2./	11, 19, 21	buildings against natural disasters	- 70		_	
I.2.8	20, 34	Preparation of design documents including drawing for	No		1	. 1 ]
1.2.0	20, 34	retrofitting the existing buildings against natural disasters	•		_	

Code	Work Item No.	Accessment Item	Experience	Comments	Rat	ting
Couc		1850ssmont rem	(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes		3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No		1	1
I.4.2	Preparation of checklist for ensuring quality assurance during designing (planning) for new building		No		1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No		1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	.4.5 Preparation of checklist for ensuring quality assurance during the retrofitting work No			1	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No		1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No		1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No		1	1

C 1	Work	A 4.T4	Experience	6 4	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No		1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes		2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A	Experience	C	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		3	3
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		3	3
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		3	3
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

# $3^{\rm rd}$ year Organizational Aspect

# **Organizational Aspect**

G 1		T. P		Survey Result	
Code		Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey
PWD's	management				
O.1		Project-related activities (i.vulnerability assessment of the existing building using GIS, ii. designing (planning) for new buildings against natural disasters, iii. designing (planning) for retrofitting the	<ul> <li>2) 0.11apx.</li> <li>3) i. Nil</li> <li>ii. 26 persons (Engineers of different level)</li> <li>iii. Nil</li> <li>iv. Nil</li> <li>v. All Executive Engineers posted in field divisions are primarily responsible for quality assurance.</li> <li>vi. Nil (Presently 3 part time officers are on additional charge)</li> </ul>	1) 667 Persons, some new post has been created but not filled yet. Total nos of post for Class1 staff is now 823. 2) 0.11. Expected 0.147apx (w/823). 3) i. Same as 2011 ii. 26 persons (Engineers of different level), another 6 post has been created but not filled yet. iii. same as 2011 iv. same as 2011 v. same as 2011 vi. Nil (Presently 3 part time officers are on additional charge), A proposal for 24 new staff of different levels has beer submitted to the Govt.	
0.2	Coordination	Does PWD coordinate with other related organizations such as MHPW, ERD, DMB, MoFDM, DoA, BUET, BRI, HBRI, other donors in order to achieve the PDM's Overall Goal?	-Yes. Initiative has been taken for this co-ordination with almost all the related organizations.		-Yes. The co-ordination with all the related organization is getting strong.
O.3	Concern of the PWD's top leaders	1) Concern in retrofitting of the public buildings including government building, hospital, fire station, school, shelter, etc.  2) Concern in issuance of the official license to the engineers completing training programme introduced by the Project  3) Concern in the incorporation of the manuals prepared through the Project into the future edition of BNBC  4) Future prospect of the retrofitting works being financed by the Bangladesh side	2) Not much. But, PWD does not have authority to issue such license. PWD can	<ol> <li>Same as 2011.</li> <li>Same as 2011.</li> <li>Same as 2011.</li> <li>Same as 2011.</li> </ol>	<ol> <li>Same as 2012.</li> <li>Same as 2012.</li> <li>Same as 2012.</li> <li>Same as 2012.</li> </ol>

PWD's	Financial Status				
O.4	Financial Status	PWD's income (i. incomes from the government or budget allocated by the Government, ii. business income if any, etc.)     PWD's expenditure (i. subcontracting cost, if any, ii. expenditure for retrofitting works, etc.)	(For FY 2010- 2011)- Tk.15,540.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2010- 2011)- Tk.15,540.00 (million) i) Nil.	1) i. Budget allocated by the Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2011- 2012)- Tk. 65,884.00 (million) i) Nil. ii) Nil	1) i. Budget allocated by the Government (For FY 2012- 2013)- Tk.71,468.46 (million) ii. Nil. 2)i. Expenditure-(For FY-2012- 2013)- Tk.71,468.46 (million) i) Nil. ii) Nil
PWD's	<b>Equipment and Ma</b>	aintenance			
O.5	Equipment and Maintenance	material test, etc. How much equipment does PWD own?  2) Status of maintenance of the above	2) Have maintenance record.	operation is now available. 92 se	
PWD's	Intellectual Resour	rce		- 4p	
O.6	Intellectual Resource	<ol> <li>Vulnerability assessment</li> <li>Roadmap for retrofitting</li> <li>Design manual for designing the building against natural disasters</li> <li>Design manual for retrofitting the building against natural disasters</li> <li>Design documents for retrofitting</li> <li>Manual for retrofitting works</li> <li>Checklist for quality assurance</li> <li>Judgment guidelines for quality assurance</li> </ol>	2) Not yet undertaken 3) Not yet undertaken 4) BNBC/ACI/IBC is followed 5) Not yet undertaken 6) Nil 7) Nil 8) Nil 9) Nil 10) Yes but not adequate 11) Not adequate 12) Nil	taken. 2) Same as 2011 3) Same as 2011 4) Same as 2011 5) Preparation of design manual for retrofitting of building has been started and in process. 6) A few design documents for retrofitting is collected.	<ol> <li>Vulnerability assessment of 3 nos building has been prepared by WT2 of CNCRP project.</li> <li>Same as 2012</li> <li>BNBC/ACI/IBC is followed, but a draft version of design manual has been prepared by WT2</li> <li>Same as 2012.</li> <li>Same as 2012.</li> <li>A draft copy of "Guideline for retrofitting works" has been completed and the draft version of 'Manual of retro fitting works' is</li> </ol>

# $3^{\rm rd}$ year Institutional Aspect

**Institutional Aspect** 

C. I.	T. P. A.		Survey Result	
Code	Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey
Legal s	system at National Level			
IS.1	1) Disaster Management Act (DMZ 2) National Plan for Disaster Man (NPDM) (2008-2015) 3) Standing Order on Disaster (SO How does the related laws/act or national plan/ policy state about retrofitting?	agement 2) In 'Action Agenda for 2010-2015', which is a part of (NPDM), the articles related to	3) Same as 2011	1) Same as 2012 2) Same as 2012 3) Same as 2012
Institu				
IS.2	Statements of the PDM's Overall Goal  Statements of the PDM's Overall Goal  1) Is any institution on retrofittin public buildings including gov building, hospital, fire station, shelter, etc. established?  2) Is any institution on the issulicense to the engineers contraining programme introduced Project established?  3) Are any manuals prepared three Project incorporated into BNBC.	rernment school, lance of No mpleting by the lough the No?	1) Same as 2011 2) Same as 2011 3) Same as 2011	Same as 2012     Same as 2012     Part of draft manuals has been prepared However, it is not incorporated into BNBC.
IS.3	Public awareness on retrofitting  Is any institution on promotion of awareness activities on retrofitting existing buildings built?		3) Same as 2011	Same as 2012

4<sup>th</sup> year

4<sup>th</sup> year (End line Data)
Individual Aspect (Working Team 1)

Name of the C/P and his/her position: Mr. Ali Newaz Ahmed, Team Leader of Component. 1 (executive Engineer, Survey Division, Project Circle-1) Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C . 1	Work Item	Assassment Item	Experience	Comments	Rating	
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes		5	5
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	More Training needed	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Training needed	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Training needed	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Training needed	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Training needed	1	1

Code	Work	Assessment Item	Experience	Comments		ting
0040	Item No.		(Yes or No)		C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Training needed	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No	Training needed	1	1
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No	Training needed	1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Training needed	1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	More Training needed	2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Training needed	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	More Training needed	1	1
12.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	More Training needed	1	1

Code	Work Item No.	A ssessment Item	Experience (Yes or No)	Comments	Rat	ting
0040					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	More Training & practice is needed	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training needed	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Training is needed	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	Training is needed	1	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Training is needed	1	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Training is needed	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Training is needed	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Training is needed	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Training is needed	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Training is needed	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	Training is needed	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Training is needed	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	Training is needed	2	2

C. 1.	Work	A 4 T4	Experience	Community	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Training is needed	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No Experience	1	1
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No Experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No Experience	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	Assessment Item	Willingness	Comments		ting
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am gathered same experience & able to do it.	3	3
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am gathered same experience & able to do it.	3	3
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am gathered same experience & able to do it.	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I am gathered same experience & able to do it.	4	4

#### Name of the C/P and his/her position: Muhammad Mostafijur Rahman, Sub-Divisional Engineer, Team Member, WT-1.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

G 1	Work Item	A ccacemant Itam	Experience	6 4	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	ArcGIS 10 and MS Access have been learned and process of Building Inventory is going on with the softwares.	5	5
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Learned from lectures, seminars and workshop of CNCRP. Need more guidance.	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	Learned something from lectures, seminars and workshop of CNCRP. Need more guidance.	2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Learned something from lectures, seminars and workshop of CNCRP. Need more guidance.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience. Need training and guidance.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience. Need training and guidance.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Couc	No.	rissessment item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	3	3
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	No experience. Need training and guidance.	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	No experience. Need training and guidance.	1	1

Code	Work Item No.	Assessment Item	Experience	( 'amments	Rat	ing
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	No experience. Need training and guidance.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Have some knowledge by attending lectures and trainings under CNCRP.	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience. Need training and guidance.	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	No experience. Need training and guidance.	2	2

C. 1.	Work	A 4 T4	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some knowledge by attending lectures, seminars, workshop under CNCRP.	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Have some experience by attending lectures, seminars, workshop under CNCRP.	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience.	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Have some knowledge by attending lectures, seminars, workshop under CNCRP.	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A 4 T4	Experience	G		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I am involved with the seminars, workshops of CNCRP	5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am concerned to prepare the project report.	5	5
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am willing to promote the awareness program.	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I got training in Japan and I am willing to use the experience.	5	5

# Name of the C/P and his/her position: Rafia Begum, Sub-Divisional Engineer, PWD E/M Planning and design Circle & Team Member, Working Team 1 of CNCRP project

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C . 1	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Attended training for ARC GIS 10 and MS ACCESS and involved with the preparation of	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	building inventory database.  Got some idea by attending some meetings held during the work, More study is required.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No experience, study of BNBC regarding vulnerability assessment is required	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	No experience, study of Foreign codes for vulnerability assessment is required	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Have no experience, training is required	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Have no experience, training is required	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Got some idea by attending lectures and trainings		
I.2.1	8	existing literatures related to construction as well as the		under CNCRP project. More study is required	2	2
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Got some idea by attending lectures and trainings	2	2
1.2.2		new buildings against natural disasters		under CNCRP project. More study is required	2	2
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Got some idea by attending lectures and trainings	2	2
1.2.3	9	retrofitting the existing buildings against natural disasters		under CNCRP project. More study is required	2	2
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Study/training is required	1	1
1.2.4	10-1	buildings against natural disasters				1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Study/training is required	1	1
1.2.3	10-1	buildings against natural disasters			1	1

I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	Study/training is required	1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
127	11 10 21	Preparation of design manual for retrofitting the public	No	Study/training is required	1	1
1.2.7	11, 19, 21	buildings against natural disasters			1	1
120	20, 34	Preparation of design documents including drawing for	No	Study/training is required	1	1
1.2.8	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	A ssessment Item	Experience (Yes or No)	( 'omments	Rat	ing
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	1
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training is required	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	No	Study is required	1	1
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No	Study is required	1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Study is required	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Study is required	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Study is required	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	Study is required	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	Study is required	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Study is required	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	Study is required	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Study is required	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No	Study is required	1	1

C 1	Work Item No.	A	Experience	<b>C</b>	Rat	ting
Code		Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Got Some Experience by attending seminar/workshop. More study is required.	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	Study is required	1	1
1.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Got Some Experience by attending seminar/workshop. More study is required.	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Study is required	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Study is required	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Study is required	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

				Rat	ing
Code	Assessment Item	gness (Yes	Comments	C/D	
		or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attended a seminar and a workshop and feel very well about it and after having more experience I will able to do.	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Yes, I want to prepare progress/completion report.	4	4
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.		I want to promote awareness of retrofitting of existing buildings as well as seeking cooperation of other related organization in promoting such activity	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I want to apply experience of training in Japan in daily work	5	5

4<sup>th</sup> year (End line Data)
Individual Aspect (Working Team 2)

Name of the C/P and his/her position: Md. Rafiqul Islam, Executive Engineer, PWD Design Division-3 & Team Leader, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. I.	Work Item	A ccoccmont Itom	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Some experience	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	5	5
I.1.3	8	Further study of BNBC for vulnerability assessment	No	In BNBC, no provision for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need more study and experience	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Some experience on editing	4	4
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs enough exercise for confidence		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Have ample experience	5	5
1.2.2	,	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs enough exercise for confidence	3	4
1.2.3	,	retrofitting the existing buildings against natural disasters			3	7
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Have experience on new building design manual	4	4
1.2.0	11, 17, 21	buildings against natural disasters				7
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	3	3
1.2.7	11, 19, 21	buildings against natural disasters			3	3
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Some experience, need more exercise	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			3	5

Code	Work Item No.	Assessment Item	Experience (Yes or No)	( 'amments	Rat	ting E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience. Need more exercise.	4	4
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience.	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Some experience	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience. But no formal check list.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	2
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

G 1	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	4	5
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct some training program for the designer.	4	5
I.5.3	26, 36, 40		Yes	Conduct some training program for the designer.	5	5
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Delivered some lectures	5	5
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Have experience	4	4
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	No experience of deliver lecture on retrofitting works. Have some experience of demonstration.	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A	Experience		Rating	
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Not very much	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Very much	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

#### Name of the C/P and his/her position: ANUP KUMAR HALDER (Team member, Working Team-2), Design Division-V, PWD

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

C. I.	Work Item	A server and Tolera	Experience	Comment	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Learnt method by lectures	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assessed using Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied some foreign codes	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	Yes	Checked draft manual	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the	Yes	As shown in 1.1.4	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Have learned methods by lectures and training	3	3
1.2.2	9	new buildings against natural disasters		courses.	3	,
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have learned methods by lectures and training	3	3
1.2.3	9	retrofitting the existing buildings against natural disasters		courses.	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.4	10-1	buildings against natural disasters	1.0		1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Some experience	2	2
1.2.3	10-1	buildings against natural disasters			2	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Some experience	3	3
1.2.0	11, 19, 21	buildings against natural disasters			3	3
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Checked draft manual	3	3
1.2./	11, 19, 21	buildings against natural disasters	103		3	3
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Through test work and lectures and pilot project	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters	- 55		3	3

Code	Work	Assessment Item	Experience (Yes or No) Comments	Rat	ing	
	Item No.	•			C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have practical experience	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Checked draft manual	3	3

Code	Work	Accocoment Item	Experience	Comments		ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Go through the draft version of quality control manual	2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Test work and previous working experience before joining PWD. Working with pilot project	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Test work and previous working experience before joining PWD. Have some observations and comments	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Test work and previous working experience before joining PWD. Have some observations and comments	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Test work and lecture	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Test work and lecture	3	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Test work and lecture	2	2
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	Test work and lecture	3	3

G 1	Work	k Assessment Item	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience and present a paper on Rana Plaza	4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Some experience. Conduct two training as trainer	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Delivered lecture in two training sessions	4	4
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes		3	3
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes		3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Delivered lecture on retrofitting works	5	5

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

Cada	A succession of Idams	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Willing to work in this project actively	5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Already prepared reports on assessment of DK Knit Wear regarding building status and retrofitting plan	5	5
1.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I have participated in awareness program in two schools with parents and students to promote awareness among them	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I have already using the idea of axial force ratio in column design and try to keep it 0.4 as suggested by Japanese Code for trail section of column.  Understanding different codes actually help me in my daily design. Now I can use AISC and AIJ and compare to get better design.	5	5

#### Name of the C/P and his/her position: MD. JAHIDUL ISLAM KHAN, Member WT-2, CNCRP

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

#### 1) The PDM Output 1-related items

	Work Item	A	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	There is no scope of such works in our Department	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have assess some building under CNCRP	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC do not have such guidelines	3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Studied codes, literatures and in attended training courses	4	4
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	Assisting to manual preparation for CNCRP	4	4
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes	Getting knowledge through CNCRP	3	3

Code	Work	Assessment Item	Experience		Rat	ting
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	BNBC, ACI, FEMA, ASCE, RMG building		
I.2.1	8	existing literatures related to construction as well as the		assessment guideline in Bangladesh	4	4
		retrofitting design for the buildings against natural disasters				
1.2.2	9	Further study of current methods for designing (planning) for	Yes	BNBC, ACI	4	4
1.2.2	,	new buildings against natural disasters			7	4
1.2.3	9	Further study of current methods for designing (planning) for	Yes	Learning through working with CNCRP and relevant	3	3
1.2.3	9	retrofitting the existing buildings against natural disasters		study. Need much exercise on real buildings.	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Not such experiences	1	1
1,2,7	10 1	buildings against natural disasters			1	
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Not such experiences	1	1
1.2.3	10-1	buildings against natural disasters			1	1
1.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Learning through working with manual preparation	3	3
1.2.0	11, 19, 21	buildings against natural disasters		works of CNCRP	3	3
1.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Learning through working with manual preparation	3	3
1.2.7	11, 19, 21	buildings against natural disasters		works of CNCRP	3	,
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Learning through working CNCRP building	1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters		assessment	4	4

('ode	Work	Assessment Item	Experience (Yes or No) Comments	Comments	Rat	ting
	Item No.	0.			C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have taken column cores and tested for assessment	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Learning through CNCRP.	3	3

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have experience of site visit and quality inspection	4	4
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have got some experiences need more.	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have got some experiences need more.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have got some experience through the building assessment and retrofitting design under CNCRP	3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Have got some experiences need more.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Have got some experiences need more.	3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Have got some experiences need more.	3	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Have got some experiences from pilot project	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Have got some experiences from pilot project	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Did not get such scope of works	1	1
I.4.11	25-1, 25-2, 35-1, 35-2	e e	Yes	Have got some experiences from pilot project	2	2

C. I.	Work	A ccacemant Itam	Experience	Community	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Prepared lecture sheet and provided lecture in the CNCRP Training Sessions for other departments this year	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Experience is gathering by CNCRP	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Lecture on Level-01 provided in PWD	3	3
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Did not get such scope of works	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Did not get such scope of works	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Did not get such scope of works	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A 4 T4	Experience	Comments		ting
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Little Experiences	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I have prepared some reports on BNBC compliance, assessment and retrofitting design for RMG project.	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	These types of awareness activities on retrofitting of the existing buildings will be helpful for reduce disaster.	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I am trying to apply the experience and knowledge gather from CP training in Japan in our daily work.	5	5

### Name of the C/P and his/her position: MD. MOMINUR RAHMAN, TEAM MEMBER, COMPONENT-2, EXECUTIVE ENGINEER

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C. I.	Work Item	A	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Some experience	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	In BNBC, no provisions for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	More study is needed	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Some experience	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Needs more study		
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
1.2.2	9	Further study of current methods for designing (planning) for	Yes	Needs more exercise	4	4
1.2.2	,	new buildings against natural disasters			7	
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs more exercise	2	2
1.2.5	,	retrofitting the existing buildings against natural disasters			2	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.7	10-1	buildings against natural disasters			1	1
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.3	10 1	buildings against natural disasters				
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Some experience	3	3
1.2.0	11, 17, 21	buildings against natural disasters			3	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	3	3
1.2.7	11, 17, 21	buildings against natural disasters			3	<i>J</i>
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Some experience	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters				

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
I.3.1		Material test such as strength test of concrete core	Yes	Some experience	<b>C/P</b> 4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Some experience	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	No experience	1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	No experience	1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	No experience	1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2

C 1	Work	A	Experience		Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some experience	4	4
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Conduct two training program for the designer.	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Conduct two training program for the designer.	4	4
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Some lectures are delivered	4	4
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Some experience	3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Some experience on demonstration	2	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	A ccacemant Itam	Experience	Comments		ting
Code		(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	very much	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	very much	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	very much	5	5

## Name of the C/P and his/her position: Moniruzzaman Moni, Assistant Engineer, PWD Design Division-3, Member Working Team-2.

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

Code	Work Item		Experience	Commande	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	I don't have any experience regarding the preparation of GIS inventory.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Vulnerability Assessment of the existing building by using Japanese method by using 1st level and 2nd level screening and ASCE 41	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC has no guideline for vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	I have gone through FEMA 356, ASCE-41, ATC-40, and also performed Pushover analysis for seismic vulnerability assessment of the existing building.	3	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	Yes	I am a member of working team-2. As a member of working team-2 I am involved with the preparation of vulnerability assessment manual.	3	3
I.1.6	16, 33	Preparation of road map for retrofitting the public buildings	No	No experience	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Lommonte	Rat C/P	ting E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	The technology is changing every day so there is no alternative to update with rest of the world.	3	4
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	Bangladesh is country of natural disaster so for designing new building we need to consider all natural disaster.	4	4
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	I don't have much practical experience for retrofitting design so more work need to be done to gather more knowledge.	3	3

I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	In my MSc I used steel jacketing for retrofitting of multi column bridge bent.	3	3
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Currently I am working to prepare the new design manual.	3	4
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	I am involved to prepare the retrofitting manual.	2	3
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	Yes	Although I did not it alone but as a member of working team two I know how can it has to be prepared.	2	3

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
Couc					C/P	E
			Yes	I was involved to take core from the existing	4	4
I.3.1	10-1, 10-2	Material test such as strength test of concrete core		building and testing of the core in the PWD		i
				laboratory.		
1.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	I have knowledge about the preparation of manual	3	3
1.3.2	31-2	rieparation of manual for the retronting works		for the retrofitting works.		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Although I am not involved in the working team for quality assurance system but I have knowledge about quality assurance system.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	As I am designing hospital buildings, residential building, hostel building so I need to check all criteria as per code.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Since I am not working in the field I don't have much knowledge about construction but I have basic knowledge about the quality assurance during construction.	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	I need more knowledge in this regard.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	In Bangladesh I have only visited the site that we did for exhibition at ground floor of EM building in PWD head quarter. But I have visited different sites at Japan. I have gathered knowledge from this vists.	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	As I am designing hospital buildings, residential building, hostel building so I need to check all criteria as per code.	3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No	I need more knowledge in this regard.	1	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	I have knowledge about the guide line required during designing for retrofitting.	2	3
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	I have knowledge but need more	2	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	I don't have any experience regarding this issue.	1	1
	25-1, 25-2, 35-1, 35-2		Yes	I gathered experience both in Japan and Bangladesh.	2	3

G 1	Work	A	Experience	C	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	I took one class on pushover analysis.	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	I have some knowledge regarding this issue but need more knowledge.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	I attained lectures on vulnerability assessment and I also took class on the topic pushover analysis to assess seismic vulnerability.	4	4
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	I attained lectures on design of the new public buildings against natural disasters.	4	4
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	I attained lectures on design of the existing public buildings against natural disasters	4	4
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	I attained lectures on design of the existing public buildings against natural disasters.	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	A 4 T4	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attained all projects related meetings where I have access to attain.	4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am willing to prepare project related reports	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	I am doing this.	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	I have already used this experience in my daily work.	5	5

## Name of the C/P and his/her position: Sk. Toufiqur Rahman, Assistant Engineer, PWD Design Division-3 & Team Member, Working Team-2

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

G 1	Work Item	A	Experience	6 4	Rat	ing
Code	No.	Assessment Item	(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Participated in a training course on GIS & MS	2	2
1.1.1	3, 3, 17, 30	reparation of inventory for the public buildings using O15		Access		
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No	Participated in a training	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	No	I haven't seen any topics on vulnerability assessment	1	1
1.1.5	0	runner study of BIVDC for vulnerability assessment		in New & existing BNBC	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Not yet	1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	No, I have been involved in New Building Design	1	1
1.1.3	31-1	the existing buildings		Manual.		
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Some Experience	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	I have study some portion of Japanese standard for seismic assessment and retrofitting, lecture sheets and practical experience.	3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Needs more study	2	2
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Needs more study and experience	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	No experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	Yes	No experience	1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	I have been involved in New Building Design Manual	4	4
1.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Not involved	1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	Some experience through pilot project	2	2

retrofitting the existing buildings against natural disasters		
<u></u>		

Code	Work	Assessment Item	Experience	Comments		ting
	Item No.		(Yes or No)		C/P	$\mathbf{E}$
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experience	3	3
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Not involved	1	1

Code	Work		Experience	Comments	Rating		
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E	
I.4.1	12	Further study of quality assurance system	No	Needs more study & practical training	2	2	
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Some experience	2	2	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No	Some experience	2	2	
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No	Not yet	1	1	
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No	Not yet	1	1	
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Some experience	3	3	
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Some experience	2	2	
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience	1	1	
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No	No experience	1	1	
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1	
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Some experience	2	2	

<i>c</i> .	Work	Assessment Item	Experience		Rat	ting
Code	Item No.		(Yes or No)		C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No	But participated	1	1
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No experience.	1	1
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	No experience. Needs more study & training & practical experience to have that confidence.	1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. 1.	A 4 T4	Experience	Comments		ting
Code	Assessment Item	(Yes or No)	Lamments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	No	Interested	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	No	Very much Ineterested	5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Interested	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	No	Very much interested	4	4

4<sup>th</sup> year (End line Data)

Individual Aspect (Working Team 3)

## Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C 1	Work Item	A	Experience		Ratin	
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No	No experience.	1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have some experience.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	No provision in BNBC regarding vulnerability assessment.	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Have some knowledge.	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	No experience.	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.		(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have some experience.		
I.2.1	8	existing literatures related to construction as well as the			4	4
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	For new buildings	4	4
1.2.2	,	new buildings against natural disasters			7	Т.
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	3	3
1.2.3	,	retrofitting the existing buildings against natural disasters		r	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Have some experience.	3	3
1.2.1	10 1	buildings against natural disasters		1	3	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Have some experience.	2	2
1.2.3	10 1	buildings against natural disasters		1		
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Have some experience.	2	2
1.2.0	11, 17, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	1
1.2./	11, 17, 21	buildings against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	Yes	Have some experience.	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			3	5

Code	Work Item No.	Accessment Item	Experience (Yes or No)	( 'omments	Rat	ting
					C/P	$\mathbf{E}$
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experiences.	4	4
I.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Preparation of Manual (Draft) for retrofitting works	4	4
1.5.2	31-2	rieparation of manual for the renorming works		near to complete		

Cada	Work	A	Experience	Garage and a	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Have some experience.	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Have prepared checklists. No records.	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Have prepared checklists. No records.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Have some experience.	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have some experience.	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No	No experience.	1	1
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Have some experience.	2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	No experience.	1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Have some experience.	4	4
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Have some experience.	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Have some experience.	2	2

G 1	Work	A seassmant Itam	Experience		Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have some experience.	4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Not much experience. Except budget plan.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	No experience.	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Have instructed to 30 new engineers in PWD. Have instructed as lecturer about eight times.	3	3
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	No experience.	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Have experiences to describe the "Test Work" of CNCRP and to conduct lecture on retrofitting works during short training courses.	4	4

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	Accesment Item	Experience	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

#### Name of the C/P and his/her position: MD. SHAFIUL ISLAM, ASSISTANT ENGINEER, PWD DESIGN CIRCLE -1, MEMBER, CNCRP WORKING TEAM-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

Colo	Work Item	Assessment Item	Experience	G	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have some experience, need more advice	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Experience on Japanese standard and ASCE	4	4
I.1.3	8	Further study of BNBC for vulnerability assessment	yes	In BNBC, no provision for vulnerability assessment	4	4
I.1.4	8	Further study of foreign codes for vulnerability assessment	yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Have some Experience	3	3
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Have some Experience	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have Attended some seminar organized by ESCB,		
I.2.1	8	existing literatures related to construction as well as the		ЛСА	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
1.2.2	,	new buildings against natural disasters			3	
I.2.3	9	Further study of current methods for designing (planning) for	No	Have some experience, need more advice	3	3
1.2.3		retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	Have some experience, need more advice	3	3
1.2.4		buildings against natural disasters			3	3
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Have some experience, need more advice	3	3
1.2.3	10-1	buildings against natural disasters			3	3
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Have some experience, need more advice	3	3
1.2.0	11, 17, 21	buildings against natural disasters			3	3
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public	Yes	Have some experience, need more advice	2	2
1.2.7	11, 19, 21	buildings against natural disasters				2
1.2.8	20, 34	Preparation of design documents including drawing for	No	Need Experience	2	2
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ting E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	yes	Have experience and need more advice	4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	yes	Having some knowledge and need more advice	4	4

Cada	Work	A	Experience	Comments	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Having some knowledge, Need improvement	4	4
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Having some knowledge, Need improvement	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	yes	Having some knowledge, Need improvement	2	2
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Having some knowledge, Need improvement	4	4
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Having some knowledge, Need improvement	4	4
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Having some knowledge, Need improvement	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Having some knowledge, Need improvement	2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Having some knowledge, Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Having some knowledge, Need improvement	4	4

G 1	Work	A	Experience	<b>C</b>	Rat	ting
Code	Item No.	No. Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Some seminar on technical seminar	4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Need Improvement and training	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Need Improvement and training	2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Need Improvement and training	2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Need Improvement and training	2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Need Improvement and training	2	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	Assessment Item	Experience	Gtr	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	$\mathbf{E}$
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	I attained all projects related meetings where I have access to attain.	4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	I am willing to prepare project related reports	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Very much	5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Very much	5	5

## Name of the C/P and his/her position: Nur-E-Kawonine, Assistant Engineer, PWD Design Division-1, Team Member, CNCRP Working Team-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C - 1	Work Item	Assessment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Have experience to some extent. Need much advice	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have attended lectures. Need much advice	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	BNBC does not cover vulnerability assessment	1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	yes	FEMA	2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No	Need Experience	1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Experience	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the	Yes	Attended seminars, studied codes and lecture materials provided by JET	3	3
1.2.1	Ü	retrofitting design for the buildings against natural disasters		materials provided by \$21		
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Through BNBC	3	3
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	Yes	Attended short training on vulnerability assessment and retrofitting design arranged by CNCRP. Need much Experience and further advice	3	3
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No	Need Experience	1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Need Experience	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No	Need Experience	1	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Need Experience	1	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need much advice	3	3

Code	Work Item No.	Accessment Item	Experience (Yes or No)	( 'amments		ting
					C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience, but still need more advice	3	3
1.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Have experience to some extent. Have worked as a	3	3
1.3.2	31-2	reparation of manual for the retronting works		member of WT-3 of CNCRP. Need much advice		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need improvement	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement	2	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement	2	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Need improvement	2	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need improvement	2	3
I.4.7	24	Guidelines for ensuring quality assurance during construction for new building	Yes	Need improvement	2	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	Yes	Need improvement	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement	2	2
I.4.11	25-1, 25-2, 35-1, 35-2	e e	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3

G 1	Work	em No. Assessment Item	Experience		Rat	ing
Code	Item No.		(Yes or No)	Comments		$\mathbf{E}$
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Have experience to some extent. Need much advice	3	3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have experience to some extent. Need much advice	2	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No	Need Experience	1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Need Experience	1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No	Need Experience	1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No	Have experience of giving lecture as a member of WT-3 of CNCRP. Need improvement	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A ccacemant Itam	Experience			ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

## Name of the C/P and his/her position: Zahid Hasan Khan, Assistant Engineer, PWD Design Division-5, Team Member, CNCRP Working Team-3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C 1	Work Item	Assessment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes	Need much advice & Training	2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have attended lectures. Need much advice & Study	3	3
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes	BNBC does not cover vulnerability assessment. Self Study	3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	Yes	Need to study on foreign codes	2	3
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No	Need Opportunity & guidance	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	Need Opportunity & guidance	1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.		(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Attended seminars & classes, studied codes and		
I.2.1	8	existing literatures related to construction as well as the		lecture materials provided by JET	3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
1.2.2		new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Need Opportunity & guidance	3	3
1.2.3	,	retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Need Opportunity & guidance	3	3
1.2.1	10-1	buildings against natural disasters			3	3
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Need Opportunity & guidance	3	3
1.2.3	10 1	buildings against natural disasters			3	3
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	Yes	Need Opportunity & guidance	3	3
1.2.0	11, 12, 21	buildings against natural disasters			3	3
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Need Opportunity & guidance	3	3
1.2.7	11, 19, 21	buildings against natural disasters			3	3
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Need Opportunity & guidance	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters	100		3	3

Code	Work Item No.	A ccoccmont Itom	Experience	Comments	Rat	ing
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have experience, but still need more advice & guidance	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Need Opportunity & guidance	3	2

Codo	Work	A concernant Item	Experience	Comments	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes	Need improvement & guidance	3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	Need improvement & guidance	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	Need improvement & guidance	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	Yes	Need improvement & guidance	3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	Yes	Need improvement & guidance	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	Need improvement & guidance	3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	Need improvement & guidance	3	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No	Need improvement & guidance	3	3
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	Yes	Need improvement & guidance	3	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	Yes	Need improvement & guidance	3	3
I.4.11	25-1, 25-2, 35-1, 35-2		Yes	Need improvement & guidance	3	3

G 1	Work	A	Experience	6	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Need Experience & guidance	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have experience to some extent. Need much advice	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	Yes	Need Experience & guidance	3	3
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Need Experience & guidance	3	3
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Need Experience & guidance	3	3
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Need Experience & guidance	3	3

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C. I.	A ccacemant Itam	Experience	Comments		ting
Code	Assessment Item	(Yes or No)			E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes	Need Opportunity & guidance	3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes	Need Opportunity & guidance	4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes	Need Opportunity & guidance	4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes	Need Opportunity & guidance	5	5

4<sup>th</sup> year (End line Data)
Individual Aspect (Working Team 4)

# Name of the C/P and his/her position: Mr. Ziaul Hafiz (WT4 Team Leader) on 20 March 2011 (Superintending Engineer, Monitoring & Audit, 26 years experience in PWD)

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

## 1) The PDM Output 1-related items

C 1	Work Item	A ccoccmont Itom	Experience			ing
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	No		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	No		1	1
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of the existing buildings	No		1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work	1 No. Assessment Item	Experience	Comments	Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes			
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	Yes		3	3
1.2.2	9	new buildings against natural disasters			3	3
I.2.3	9	Further study of current methods for designing (planning) for	Yes		3	3
1.2.3		retrofitting the existing buildings against natural disasters			3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	1
1.2.4	10-1	buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No		1	1
1.2.3	10-1	buildings against natural disasters			1	1
1.2.6	11, 19, 21	Preparation of design manual for designing the public	No		1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	1
1.2./	11, 19, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No		2	2

retrofitting the existing buildings against natural disasters		
	I .	

Code	Work Item No.	Assessment Item	Experience	( 'omments	Rat	ing
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes		4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		2	2

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes		3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes		3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No		2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No		2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	No		2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		2	2
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No		2	2

G 1	Work	Assessment Item	Experience	<b>C</b>	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	No		2	2
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No		2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		2	2
1.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		2	2
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		2	2

Format 2: **Survey items from the "awareness" aspect**: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 2</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

		Willingness	Comments	Rat	ting
Code	Assessment Item	(Yes or No)		C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.			5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C 1	Work Item	A	Experience	<b>C</b> 4	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes		2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes		2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
T 1 5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
I.1.5	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes	Have further study of BNBC, ATC 40 and related literatures on internet.	2	2
I.2.2	9	Further study of current methods for designing (planning) for new buildings against natural disasters	Yes	Before joining Audit Division, I worked for nearly 10 years as sub-divisional engineer in PWD Design Division II. I had to study prevailing methods for designing new buildings. Still I am very much interested to take further study on the methods for designing new buildings.	3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No		1	1
1.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Retrofitting & Retrofitting methods are new here. Have seen the demonstration works of retrofitting methods.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No		1	1

I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	1	1
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	E
			Yes	I have observed the procedures for testing concrete	3	3
I.3.1	10-1, 10-2	Material test such as strength test of concrete core		cylinder for concrete strength, as well as steel		l
				strength.		
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes		2	2

Code	Work	Assessment Item	Experience	Comments		ting
	Item No.		(Yes or No)		C/P	E
			Yes	I have studied Q/A in ACI manuals and other related	4	4
I.4.1	12	Further study of quality assurance system		documents given by JET. I want to update my		
				knowledge on it.		
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during	Yes	I am involved with the preparation of checklists.	4	4
1.4.2	12, 24	designing (planning) for new building				
1.4.2	12 24	Preparation of checklist for ensuring quality assurance during	Yes	I am involved with the preparation of checklists.	4	4
I.4.3	12, 24	construction for new building				
1.4.4	12 24	Preparation of checklist for ensuring quality assurance during	No		1	1
I.4.4	12, 24	designing (planning) for retrofitting				
1.4.5	10.04	Preparation of checklist for ensuring quality assurance during	No		2	2
I.4.5	12, 24	the retrofitting work				
146	2.4	Guidelines for ensuring quality assurance during designing	No	BNBC is usually followed as guidelines during	3	3
I.4.6	24	(planning) for new building		designing new buildings.		
			No	"Design criteria and minimum requirements" of	3	3
I.4.7	24	Guidelines for ensuring quality assurance during construction		PWD & Code of practice and book of specification is		
		for new building		followed as guidelines during construction phase.		
1.4.0	2.4	Guidelines for ensuring quality assurance during designing	No	<u> </u>	1	1
I.4.8	24	(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No		1	1

		<u>work</u>			
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	3	3
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	2	2

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes		2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	I was initially involved in the preparation of PWD Training Curriculum.	2	2
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	Attended a Short Training Course on "Seismic Assessment, Retrofit Design and Construction of RC Buildings".	2	2
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes	Attended a Short Training Course on "Seismic Assessment, Retrofit Design and Construction of RC Buildings".	2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A 4.T4	Experience	G		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
1.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		5	5
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		5	5

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C - 1 -	Work Item		Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	NO		1	1
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	NO	Have experience to observe the assessment work.	2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	YES		3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment	YES		2	2
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	NO		1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	YES			
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				
I.2.2	9	Further study of current methods for designing (planning) for	YES		3	3
1.2.2	9	new buildings against natural disasters			3	
I.2.3	9	Further study of current methods for designing (planning) for	YES		3	3
1.2.3		retrofitting the existing buildings against natural disasters			,	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO		2	2
1.2.1	10-1	buildings against natural disasters				
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO		2	2
1.2.5	10 1	buildings against natural disasters				الــــــــــــــــــــــــــــــــــــ
12.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	YES	Have few experience, regarding design guide line.	2	2
1.2.0	11, 19, 21	buildings against natural disasters				التّـــا
127	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public	NO		1	1
1.2.7	11, 17, 21	buildings against natural disasters			1	
I.2.8	20, 34	Preparation of design documents including drawing for	NO		1	1
1.2.0	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
I.3.1		Material test such as strength test of concrete core	YES	I have seen a test work.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	YES	I have seen the draft copy.	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	YES		4	4
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	YES		4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	YES	Need feedback.	4	4
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	YES		2	2
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	YES	A few experience.	3	3
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	YES		3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	YES		4	4
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	NO		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>	YES		3	3
I.4.10	25-1	Preparation of materials for the training on quality assurance	YES	A few experience.	3	3
I.4.11	25-1, 25-2, 35-1, 35-2		YES		3	3

Code	Work	A 4 T4	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	YES	A few experience.	2	2
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	YES	A few experience.	3	3
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	NO		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	NO		1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	NO		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

G 1	A ccacemant Itam	Experience	C	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	YES		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	YES		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	YES		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	YES		5	5

# Name of the C/P and his/her position: Kazi Md. Firoze Hassan, Executive Engineer, PWD PECU Division, Purta Bhaban, Dhaka

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "<u>Assessment Aspects on 1 to 5 Scale for Format 1</u>" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C. 1.	Work Item	Assessment Item	Experience	Comments	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes		2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes		2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	No		1	1
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
1.1.3	31-1	the existing buildings				l
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No		1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	E
	8	Further study of BNBC, foreign codes, manuals and other	Yes			
I.2.1		existing literatures related to construction as well as the			2	2
		retrofitting design for the buildings against natural disasters				
	9	Further study of current methods for designing (planning)	Yes	As an Engineer I had to study different design		
1.2.2		for new buildings against natural disasters		methods for new buildings. I have the interest to	2	2
1.2.2				have further study on design methods for new		
				buildings against natural disasters.		
	9	Further study of current methods for designing (planning)	Yes	During training program in Japan, I acquire little bit		
I.2.3		for retrofitting the existing buildings against natural		knowledge on retrofitting designing methods.	3	3
		disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	1
1.2.4		buildings against natural disasters			1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Retrofitting and retrofitting methods are new here. I	1	1
1.2.3		buildings against natural disasters		have strong interest in it.	1	1
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public	No		1	1
1.2.0		buildings against natural disasters			1	1
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	1

		buildings against natural disasters			
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	1	1

Code	Work	Assessment Item	Assessment Item Experience Comments		Rating	
Couc	Item No.	1 ISSUSSITE I TELL	(Yes or No)	Comments	C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	I have observed the concrete cylinder strength test procedure in the laboratory.	2	2
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	Yes	I am involved in preparation of checklist.	3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	Yes	I am involved in preparation of checklist.	3	3
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	Yes	BNBC is usually followed as guidelines during designing for new buildings.	3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	Yes	PWD Book of Specification and Code of Practice are followed as guidelines during construction phase.	3	3
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	Yes	Observed retrofitting works during construction	2	2

# 5) The PDM Output 5-related items

Cada	Work		Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/workshop for the PWD works to be disseminated to other relevant organizations	Yes	Participated in seminar/workshop under CNCRP.	3	3
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	As a co-ordinator of PWD Training Academy I am involved in the preparation of PWD Training Curriculum, materials, budget plan and course schedule.	4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
1.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	Assessment Item	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		5	5
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		5	5
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

4<sup>th</sup> year (End line Data)
Individual Aspect (Working Team 5)

#### Name of the C/P and his/her position:

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

### 1) The PDM Output 1-related items

C 1	Work Item	A ccoccmont Itom	Experience		Rat	ting
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS			2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings			2	2
I.1.3	8	Further study of BNBC for vulnerability assessment			3	3
I.1.4	8	Further study of foreign codes for vulnerability assessment			1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of			1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings			1	1

### 2) The PDM Output 2-related items

Code	Work		Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other				
I.2.1	8	existing literatures related to construction as well as the			3	3
		retrofitting design for the buildings against natural disasters				igsquare
I.2.2	9	Further study of current methods for designing (planning) for			2	2
1.2.2	9	new buildings against natural disasters				
I.2.3	9	Further study of current methods for designing (planning) for			2	2
1.2.3	,	retrofitting the existing buildings against natural disasters				
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public			2	2
1.2	10-1	buildings against natural disasters			ļ -	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public			2	2
1.2.0	10 1	buildings against natural disasters				
126	11, 19, 21	Preparation of design manual for <u>designing</u> the public			2	2
1.2.0	11, 12, 21	buildings against natural disasters				
12.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public			2	2
1.2.7	11, 17, 21	buildings against natural disasters				ــــــــا
I.2.8	20, 34	Preparation of design documents including drawing for			2	2
1.2.0	20, 34	<u>retrofitting</u> the existing buildings against natural disasters				_

# 3) The PDM Output 3-related items

Code	Work Item No.	Accessment Item	Experience	('omments		ting
			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core			4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works			2	2

# 4) The PDM Output 4-related items

Codo	Work	A coocamout Itam	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system			3	3
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building			3	3
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building			4	4
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting			3	3
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>			2	2
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building			2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>			2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting			2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> <u>work</u>			2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance			3	3
I.4.11	25-1, 25-2, 35-1, 35-2				2	2

## 5) The PDM Output 5-related items

G 1	Work	Accecement Item	Experience		Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations			5	5
1.5.2	26	Preparation of training curriculum, materials, budget plan and schedule			5	5
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings			2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters			2	2
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters			1	1
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings			2	2

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

	Assassment Item	Experience		Rating	
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings			5	5
1.0.1	such as JCC, seminar/workshop.			3	3
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as			5	5
1.0.2	progress report, completion report.			3	3
	I am (this C/P is) willing to do promote public awareness activities on				
I.6.3	retrofitting of the existing buildings. I am (this C/P is) willing to ask for			5	5
	other related organizations' cooperation in promotion of such activity.				
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for			5	5
1.6.4	daily work.			3	3

Format 1: Survey items from the "knowledge" and "skill" aspects: Use the above "Assessment Aspects on 1 to 5 Scale for Format 1" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your experience on every survey item as much as possible in the comment box. The "Work Item Number" corresponds to the item or section number shown in the "Inception Report or Work Plan Report".

## 1) The PDM Output 1-related items

C. 1.	Work Item	A seasement Itam	Experience	Comments	Rat	ting
Code	No.		(Yes or No)		C/P	E
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS	Yes		2	2
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes		2	2
I.1.3	8	Further study of BNBC for vulnerability assessment	Yes		2	2
I.1.4	8	Further study of foreign codes for vulnerability assessment	No		1	1
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
1.1.3	31-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes		2	2

### 2) The PDM Output 2-related items

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters	Yes		2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes		3	3
1.2.3	9	Further study of current methods for designing (planning) for retrofitting the existing buildings against natural disasters	No		1	1
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No		1	1
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	No		1	1
1.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No		1	1
1.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No		1	1

# 3) The PDM Output 3-related items

Code	Work Item No.	Assessment Item	Experience	('omments	Rat	ting
Couc			(Yes or No)		C/P	E
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes		4	4
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No		1	1

# 4) The PDM Output 4-related items

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.4.1	12	Further study of quality assurance system	Yes		2	2
I.4.2	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for new building	No		1	1
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during construction for new building	No		1	1
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during designing (planning) for retrofitting	No		1	1
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during the <u>retrofitting work</u>	No		1	1
I.4.6	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for new building	No		2	2
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> <u>for new building</u>	No		2	2
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing</u> (planning) for retrofitting	No		1	1
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1
I.4.11	25-1, 25-2, 35-1, 35-2		No		1	1

# 5) The PDM Output 5-related items

C 1	Work	A	Experience	6 4	Rati	
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	E
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes		4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes		4	4
I.5.3	26, 36, 40	Lecture on vulnerability assessment of the existing buildings	No		1	1
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		1	1
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	No		1	1
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Format 2: Survey items from the "awareness" aspect: Use the above "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P" of the right side column. And, your comments are very helpful. Please note your thoughts on every survey item as much as possible in the comment box.

C 1	A	Experience	<b>C</b> 4	Rating	
Code	Assessment Item	(Yes or No)	Comments	C/P	E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	Yes		4	4
I.6.2	I am (this C/P is) willing to prepare the Project-related reports such as progress report, completion report.	Yes		4	4
I.6.3	I am (this C/P is) willing to do promote public awareness activities on retrofitting of the existing buildings. I am (this C/P is) willing to ask for other related organizations' cooperation in promotion of such activity.	Yes		4	4
I.6.4	I am (this C/P is) willing to use experience of "C/P training in Japan" for daily work.	Yes		4	4

4<sup>th</sup> year (End line Data)
Organizational Aspect

C. I.		T. Paster		Survey	y Result	
Code		Indicator	Status at the First Survey	Status at the Second Survey	Status at the Third Survey	Status at the Forth Survey
PWD's	PWD's management					
		1) Number of the Class 1 staff	1) 667 Persons	1) 667 Persons, some new post has been created but not filled yet. Total nos of post for Class1 staff is now 823.	1) 829 Persons.	1) 834 Persons.
		2) Ratio of the Class 1 staff to all PWD staff	2) 0.11apx.	2) 0.11. Expected 0.147apx (w/823).	2) 0.12 apx.	2) 0.12 apx.
		3) Number of staff who is engaged in the	3) i. Nil	3) i. Same as 2011	3) i. Same as 2012	3) i. Same as 2013
		Project-related activities (i.vulnerability assessment of the existing building using GIS, ii. designing (planning) for new buildings against natural disasters, iii.		ii. 26 persons (Engineers of different level), another 6 post has been created but not filled yet.	ii. 32 persons (Engineers of different level.	ii. 32 persons (Engineers of different level.
O.1	PWD's staff	designing (planning) for retrofitting the	iii. Nil	iii. same as 2011	iii. same as 2012	iii. same as 2013
		existing buildings against natural disasters, iv. supervising/ management	iv. Nil	iv. same as 2011	iv. same as 2012	iv. 3 officers of different level is supervising the 'pilot work'.
		of the retrofitting work, v. quality assurance, vi. training management)	v. All Executive Engineers posted in field divisions are primarily responsible for quality assurance.	v. same as 2011	v. same as 2012	v. same as 2013
			vi. Nil (Presently 3 part time	vi. Nil (Presently 3 part time		svi. same as 2013.
			officers are on additional		are working at training academy.	
			charge)	A proposal for 24 new staff o different levels has been submitted to the Govt.		

		Does PWD coordinate with other related	Vas Initiativa has been taken	-Yes. The co-ordination with all	Ves. The co-ordination with all	Ves. The co-ordination with all
		organizations such as MHPW, ERD,	for this co-ordination with	the related organization is getting		
0.2	Coordination	DMB, MoFDM, DoA, BUET, BRI,	almost all the related			strong.
0.2	Coordination	HBRI, other donors in order to achieve	organizations.	Strong.	strong.	strong.
		the PDM's Overall Goal?	organizations.			
			1) Yes. PWD is aware and	1) Same as 2011.	1) Same as 2012.	1) Same as 2013.
		buildings including government	concerned in retrofitting of	1) Same as 2011.	1) Same as 2012.	1) Same as 2013.
		building, hospital, fire station, school,	public buildings. A 4-year			
		shelter, etc.	capacity building project has			
		sheller, etc.	been taken up with JICA			
			Funding. Final decision maker			
			on this matter is MoHPW,			
			Min. of Planning and			
			MoFDM.			
		2) Concern in issuance of the official	2) Not much. But, PWD does	2) Same as 2011.	2) Same as 2012.	2) Same as 2013.
		license to the engineers completing	not have authority to issue	2) Same as 2011.	2) Same as 2012.	2) Same as 2013.
		training programme introduced by the	such license. PWD can issue			
		Project	certificates to the participants			
		Troject	of such trainings, if offered.			
			Final decision maker on this			
	Concern of the		matter is RAJUK, MoHPW.			
0.3	PWD's top leaders	3) Concern in the incorporation of the	,	3) Same as 2011.	3) Same as 2012.	3) Same as 2013.
0.5	in the Project	manuals prepared through the Project	disseminate the prepared	3) Sume us 2011.	5) Sume us 2012.	3) Sume as 2013.
	activities	into the future edition of BNBC	manuals to concerned			
			professionals and incorporate			
			the provisions of the manuals			
			in the future-edition of BNBC.			
			Final decision maker on this			
			matter is HBRI.			
		4) Future prospect of the retrofitting works	4) Yes. PWD shall prepare a	4) Same as 2011.	4) Same as 2012.	4) Same as 2013.
		being financed by the Bangladesh side	roadmap for retrofitting of	,	,	,
			important vulnerable			
			government buildings and			
			submit it to the government for			
			funding. Final decision maker			
			on this matter is MoHPW,			
			Min. of Planning and			
			MoFDM.			

PWD's	Financial Status					
O.4	Financial Status	1) PWD's income (i. incomes from the government or budget allocated by the Government, ii. business income if any, etc.)  2) PWD's expenditure (i. subcontracting cost, if any, ii. expenditure for retrofitting works, etc.)	1) i. Budget allocated by the Government (For FY 2010- 2011)- Tk.15,540.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2010- 2011)- Tk.15,540.00 (million) i) Nil.	1) i. Budget allocated by the Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil. 2)i. Expenditure-(For FY-2011- 2012)- Tk. 65,884.00 (million) i) Nil.	1) i. Budget allocated by the Government (For FY 2012- 2013)- Tk.71,468.46 (million) ii. Nil. 2)i. Expenditure-(For FY-2012- 2013)- Tk.71,468.46 (million) i) Nil.	1) i. Budget allocated by the Government (For FY 2013-2014)- Tk.77364.83(million)  ii. Nil.  2)i. Expenditure-(For FY-2013-2014)- Tk.75626.05 (million) i) Nil.
			ii) Nil	ii) Nil	ii) Nil	ii) Tk. 1.6 (million)
PWD's l	Equipment and Ma	intenance				
O.5	Equipment and Maintenance	Vehicles, equipment necessary for material test, etc. How much equipment does PWD own?	testing operation is available. 15 items of equipments for material testing are in the	Vehicle for carrying out testing operation is now available. 92 set equipments of 37 items are in stock of PWD testing laboratory.		1) 1 Vehicle for carrying out testing operation is now available. 94 set equipments of 37 items are in stock of PWD testing laboratory.
		2) Status of maintenance of the above equipment	2) Have maintenance record.	Have maintenance record for some equipment.	2) Same as 2012.	2) Same as 2013.

PWD's I	ntellectual Resou	ırce				
		Volume of building inventory data	1)Not yet undertaken	1) building inventory data of 2020 nos public building of Dhaka city has been taken.		building inventory data of 2193 nos public building of Dhaka city and 251 nos of Sylhet city have been taken.
		2) Vulnerability assessment	2) Not yet undertaken	2) Same as 2011	2) Vulnerability assessment of 3 nos building has been prepared by WT2 of CNCRP project.	2) Vulnerability assessment of 4
		<ul><li>3) Roadmap for retrofitting</li><li>4) Design manual for designing the building against natural disasters</li></ul>	3) Not yet undertaken 4) BNBC/ACI/IBC is followed	3) Same as 2011 4) Same as 2011	3) Same as 2012 4) BNBC/ACI/IBC is followed, but a draft version of design manual has been prepared by WT2	3) Same as 2013 4) Draft version has been submitted to Editorial Advisory
		5) Design manual for retrofitting the building against natural disasters	5) Not yet undertaken	5) Preparation of design manua for retrofitting of building has been started and in process.	1 · ·	5) Same as 2013.
		6) Design documents for retrofitting	6) Nil	6) A few design documents for retrofitting is collected.	1 · ·	<ol> <li>Design Documents for pilot project has been prepared.</li> </ol>
O.6	Intellectual Resource	7) Manual for retrofitting works	7) Nil	, , ,	7) A draft copy of "Guideline for retrofitting works" has been completed and the draft version of 'Manual of retro fitting works' is near to completed.	
		8) Checklist for quality assurance	8) Nil	8) Draft checklist for design has been completed.	<ol> <li>B) Draft checklist for design has been completed.</li> </ol>	8) Same as 2013.
		9) Judgment guidelines for quality assurance	9) Nil	9) Same as 2011	9) Draft checklist for design has been completed	9) Same as 2013.
		10) Training materials on quality assurance	10) Yes but not adequate	10) Same as 2011		10) Training materials for short course on quality assurance of retrofit work has been prepared by WT4.
		11) Monitoring database for ensuring quality	11) Not adequate	11) Same as 2011	11) Same as 2012	11) Same as 2013.
		12) Training materials for the Project activities to be disseminated to other engineers	1 -	12) Same as 2011	course on retrofit design has been prepared by WT2 and WT3.	12) Training materials for short course on retrofit design has been prepared by WT2, WT3 and WT4.

4<sup>th</sup> year (End line Data)
Institutional Aspect

**Institutional Aspect** 

C. 1.		T - 3" 4		Survey	Result	
Code	indicator		Status at the First Survey	Status at the Second Survey	Status at the Third Survey	Status at the Forth Survey
Legal s	Legal system at National Level					
		vel  1) Disaster Management Act (DMA)  2) National Plan for Disaster Management (NPDM) (2008-2015)	1) Not yet promulgated	Status at the Second Survey  1) Same as 2011	Status at the Third Survey  1) Same as 2012	1) Same as 2013 2) Same as 2013
			programs for vulnerable critical infrastructure. (Lead agency: MoHPW)		2) (2	2) (2
		3) Standing Order on Disaster (SOD)	3) See Art.4.2.13.1	3) Same as 2011	3) Same as 2012	3) Same as 2013

Institution						
		1) Is any institution on retrofitting of the public buildings including government building, hospital, fire station, school, shelter, etc. established?		1) Same as 2011		1)Same as 2013
IS.2	Statements of the PDM's Overall Goal	2) Is any institution on the issuance of license to the engineers completing training programme introduced by the Project established?	2) No	2) Same as 2011	2) Same as 2012	2) Same as 2013
		3) Are any manuals prepared through the Project incorporated into BNBC?	3) No		<ol> <li>Part of draft manuals has been prepared. However, it is not incorporated into BNBC.</li> </ol>	*
IS.3	Public awareness on retrofitting	Is any institution on promotion of public awareness activities on retrofitting of the existing buildings built?	No	Same as 2011	Same as 2012	Same as 2013