8. その他活動実績

- 8-1. キャパシティ・アセスメントデータ
- 8-2. インベントリーデータ
- 8-3. 試験施工
- 8-4. 構造実験
- 8-5. RMG プロジェクト
- 8-6. 研修教材、研修用シラバス、国内研修
- 8-7. WS 配布資料
- 8-8. 広報関係

8-1. Capacity Assessment

8-1. キャパシティ・アセスメント

1^{st} 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 <u>"Assessment Aspects on 1 to 5 Scale for Format</u> <u>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	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	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	Yes	Studied about the section of building construction in BNBC. Study is needed for improving knowledge.	2	2
1.2.2	9	Further study of current methods for designing (planning) for new buildings against retrofitting the existing buildings against natural disasters	No	Not at all. 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	Not at all. 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	Not at all. 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	Not at all. 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	Not at all. 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	Not at all. Study is needed for improving knowledge	1	1

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	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	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	E
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

35-1, 35-2	quality		

Code	Work Item	Assessment Item	Experience	Comments	Ra	ting
	No.		(Yes or No)		C/P	E
1.5.1	13,27,37,41	Conduct of seminar / workshop for the PWD works to be	No	No Experience	1	1
	,43	disseminated to other relevant organizations.				
1.5.2	26	Preparation of training curriculum, materials, budget plan	No	No Experience	1	1
		and schedule				
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	No	No Experience	1	1
		against natural disasters				
1.5.5	26,36,40	Lecture on designing (planning) of the existing public	No	No Experience	1	1
		buildings against natural disasters		_		
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 "<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	A assassment Team	Experience	Commente	Rati	ng
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
			No	Have used Arcview 3.2 for irrigation work. Have	1	1
I.1.1	3, 5, 17, 30	Preparation of inventory for the public buildings using GIS		used for irrigation works when in BWDB. No		
				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
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		Self-study. Have some idea on EQ resistant building in BNBC. Need more training and guidance	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new</u> <u>buildings</u> against natural disasters	Yes	Self-study. Need more training and guidance	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. 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	No experience. Need more training and guidance	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. Need more training and guidance	1	1

I.2.6	11, 19, 21	Preparation of design manual for designing the public buildings	No	No experience. Need more training and guidance	1	1
1.2.0	11, 17, 21	against natural disasters			1	
127	11, 19, 21	Preparation of design manual for retrofitting the public buildings	No	No experience. Need more training and guidance	1	1
1.2.7	11, 19, 21	against natural disasters			1	1
128	20, 34	Preparation of design documents including drawing for retrofitting	No	No experience. Need more training and guidance	1	1
1.2.8	20, 34	the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rati	ng
cout			(Yes or No)		C/P	Е
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
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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> for new building	No	No experience	1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction for new</u> <u>building</u>	No	No experience	1	1
I.4.8	24	Guidelines for ensuring quality assurance during <u>designing (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

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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Code	Work	A	Experience	Commente	Rati	ng
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.

Cal	A	Willingness	G	Rati	ng
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

<u>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</u>

Format 1: Survey items from the **"knowledge" and "skill" aspects**: Use the above <u>"Assessment Aspects on 1 to 5 Scale for Format</u> <u>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	Assessment Item	Experience	Comments	Rat	ing
	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 the existing buildings	No	No experience. Training is needed	1	1
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	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	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	Yes	After gathering experience I am able to	4	4
	as JCC, seminar/workshop.		do this		
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	4	4
	progress report, completion report.		do this		
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	4	4
	retrofitting of the existing buildings. I am (this C/P is) willing to ask for		do this		
	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	4	4
	daily work.		do this		

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 "<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

Colo	Work Item	A	Experience	Commenter (Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
I.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	5, 5, 17, 50	reparation of inventory for the public buildings using OIS		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
1.1.5	51-1	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.		(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	Need more experience.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	yes	Need more experience.	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	yes	Involved in preparation of "Design Criteria and Minimum Requirements"	2	2
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

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

Code	Work	Assessment Item	Experience	Comments	Rat	ing
	Item No.		(Yes or No)		C/P	Ε
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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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> 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 <u>quality assurance during retrofitting</u> 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

5) The PDM Output	t 5-related items
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Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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.

Code	A seesan out Hom	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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)

<u>Name of the C/P and his/her position:</u> 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 "<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".

C	Work Item	Assessment Item	Experience	Comments.	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
		existing buildings				L!
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments		ting
cout	No.		(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
1.2.5	9	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 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 designing 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

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	retrofitting the existing buildings against natural disasters		

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Just once or twice	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	Rati	
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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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

5) The PDM (Output 5-related items
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Colo	Work Item	A	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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	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 "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	Assessment Item	Willingness	Commente	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

<u>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</u> 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 "<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".

Call	Work Item	A 14	Experience			ting
Code	No.	Assessment Item		Comments	C/P	Е
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

1) The PDM Output 1-related items

Code	Work	Assessment Item	Experience	Comments		ing
Coue	Item No.		(Yes or No)	Comments	C/P	Ε
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</u> <u>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 <u>retrofitting</u> 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> the existing buildings against natural disasters	No	No experience.	1	1
		the existing buildings against natural disasters				

Code	Work	Assessment Item	Experience	Comments	Rat	ing
Iter	Item No.		(Yes or No)		C/P	Е
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		Experience			ing
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Ε
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

5)	The PD	M Output	5-related	items
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Cada	Work	A	Experience	Commente	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "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		Commente	Rat	ting
Code	Assessment item	(Yes or No)	Comments	C/P	Е
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	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

Cada	Work Item	A spessment frem	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 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 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 <u>retrofitting</u> 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
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.	Assessment Item	Experience	Comments	Rat	ing
			(Yes or No)		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	Assessment Item	Experience	Comments	Rat	0
cout	Item No.		(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 <u>construction for new building</u>	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
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

5) The PDM Output 5-related iter	ns
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Cada	Work	A according to the second seco	Experience	Comments	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 "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 second them	Willingness	Commente	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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: 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 "<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".

Call	Work Item	A 4 T4	Experience	Commenter (Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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

1) The PDM Output 1-related items

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	No	No experience.	1	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new</u> <u>buildings</u> 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	No	No experience.	1	1

		against natural disasters				
120	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> No No experience.	No experience.	1	1	
1.2.0	20, 34	the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ing 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	Assessment Item	Experience	Comments		ting
Couc	No.	ASSESSMENT ICH	(Yes or No)	Comments	C/P	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 <u>construction for new building</u>	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

Cada	Work Item	Assessment Item	Experience	Commonto	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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.

Cada	A second and Thomas	Willingness	Commente	Rat	ing
Code	Assessment Item		Comments	C/P	Е
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 "<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".

Code	Work Item No.	A scossmont Itom	Experience	Commonte	Rat	ting
Code			(Yes or No)	Comments	C/P	Е
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	51-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	There was no scope	1	1

1) The PDM Output 1-related items

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Commonte	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 <u>retrofitting</u> 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				
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 Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
					C/P	Ε
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 Item No.		Experience		Rat	ing
Coue			(Yes or No)		C/P	Е
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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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

5) The PDM Output 5-related items	s
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C. I.	Work	X	Experience	Commonto	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.

C	A	Experience			ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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.			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 "<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 No.	Accessment Item	Experience	Commente	Rating	
Code			(Yes or No)	Comments	C/P	Е
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 Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
					C/P	Е
I.2.1	8	Further study of BNBC, foreign codes, manuals and other		Have some experience.		
		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
		new buildings against natural disasters			5	5
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience.	1	1
		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
		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
		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
		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
		buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1
		retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
couc			(Yes or No)		C/P	Е
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	Accoccmont Itom	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	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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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

5) The PDM Output 5-rela	ated items
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Cada	Work	A 220 2200 0004 Idour	Experience	Commonte	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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.

Code	A seesment item	Willingness	Commonto		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

<u>Name of the C/P and his/her position: MD. SHAFIUL ISLAM, TEAM MEMBER, Component-3 (Assistant for Superintending Eng. Design Circle I,</u> 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 "<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".

Cala	Work Item	Assessment Item	Experience	Commente	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	No experience.	1	1

1) The PDM Output 1-related items

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	Have attended some seminars organized by ESCB.	3	
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Through BNBC guidelines	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	
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	
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	
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters	Yes	Have tried. But, have not produced outputs.	2	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	No experience.	1	

		buildings against natural disasters				
128	20.34	Preparation of design documents including drawing for	No	No experience.	1	
1.2.0	20, 54	retrofitting the existing buildings against natural disasters			1	

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
			(Yes or No)		C/P	Е
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	Rating	
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Ε
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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	

5) The PDM Output 5-related items	s
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Colo	Work	A	Experience	Commente	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 seminars on technical seminars, interlocution seminar for freshman, etc.	2	
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Preparation of the seminars on technical seminars, interlocution seminar for freshman, etc.	2	
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	Yes	Some experiences	2	
I.5.5	26, 36, 40	Lecture on designing (planning) of the existing public buildings against natural disasters	Yes	Some experiences	2	
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 "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. J.	A 4 T4	Willingness	Commenter (Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	

<u>Name of the C/P and his/her position:</u> *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	A second set Itom	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 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		Rat	ting
Coue	No.	Assessment item	(Yes or No)	Comments	C/P	Е
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</u> <u>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				
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	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
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	Ε
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 <u>construction for new building</u>	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

5)	The PDM	Output 5-related	items
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Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 second them	Willingness	Commonte	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

<u>Name of the C/P and his/her position: ZAHID HASAN KHAN, Team Member, Componect-3,Assistant Engineer, Design Division V, Design Circle II</u> (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	A according 4 14 and	Experience	Commente	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	Assessment Item	Experience	Comments		ing
Couc	No.		(Yes or No)		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
I.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	No	Need more training and guidance	1	1
		retrofitting the existing buildings against natural disasters				

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
coue	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	Several times. Need more training and guidance	2	2
I.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		ting
Coue	No.	Assessment Item	(Yes or No)			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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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

5) The PDM Output 5-rela	ited items
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Code	Work Item	A googmont Itom	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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.

Code	A second them	Willingness	Commonto		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 "<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".

Code	Work Item	Assessment Item	Experience	Commente	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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

1) The PDM Output 1-related items

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	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	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				
I.2	8	20, 34	Preparation of design documents including drawing for	No	No experience.	1	1
1.2	.0	20, 54	retrofitting the existing buildings against natural disasters			1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
couc	Item No.		(Yes or No)	Comments	C/P	Е
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	Rating	
Coue	Item No.	Assessment Item	(Yes or No)	Comments		Е
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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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

5)	The PDM	Output 5-related	items
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Code	Work	A	Experience	Commente	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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.

Cada	A 2002200 004 Teore	Willingness		Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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 "<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".

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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

1) The PDM Output 1-related items

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 retrofitting design for the buildings against natural disasters	Yes	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</u> <u>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	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

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
couc					C/P	Ε
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	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <u>construction for</u> <u>new building</u>	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

Code	Work	Assessment Item	Experience	Commonto	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.

Colo	Assessment Item		Comments		ing
Code					Ε
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 "<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	Assessment Item	Experience	Comments	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	ting 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 experience.	1	1
	Ũ	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	No	No experience.	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	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

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
couc	No.		(Yes or No)		C/P	Е
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	Ra	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 <u>construction for new building</u>	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> 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 <u>quality assurance during retrofitting</u> 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 / 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		No experience.		

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 "Assessment Aspects on 1 to 5 Scale for Format 2" when you rate. Fill your rating in "C/P"

of the right side column. Thid, your comments are very helpful. I lease note your thoughts on every survey term as much as possible in the comment of	of the right side column. And, your comments are very helpful. Please note your thoughts on every	ry survey item as much as possible in the comment bo
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C	A	Willingness	Commente	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

Cal	Work Item	A	Experience	Germanita	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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	51-1	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)		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 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 <u>retrofitting</u> the existing buildings against natural disasters	NO	No experience	1	1
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Code	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item No.		(Yes or No)	Comments	C/P	Ε
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	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 <u>construction for new building</u>	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> for new building	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> 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, Monitoring of the retrofitting works done in order to assure 35-1, 35-2 quality	NO	No experience.	1	1
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Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat C/P	ing E
I.5.1	13, 27, 37, 41, 43		、 · · · ·	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,	vour comments are very help	ful. Please note your thou	ghts on every surve	v item as much as	possible in the comment box.

C. J.	A 4 T4	Experience	Experience		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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 "<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	Assessment Item	Experience	Comments	Rat	ing
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 tiem	Experience	Comments		ting
couc	No.		(Yes or No)	Comments	C/P	Ε
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</u> <u>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 <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 <u>retrofitting</u> the existing buildings against natural disasters	No	No experience.	1	1
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Code	Work Item	Assessment Item	Experience	Comments	Rati	ing
Coue	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	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
Coue	No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <u>construction for new building</u>	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

Cada	Work Item	A avagement Home	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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.

Cada	A second them	Willingness	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

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

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".

Cada	Work Item	A according 4 14 and	Experience	Comments	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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

1) The PDM Output 1-related items

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		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	Studied not much.	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Studied not much.	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 <u>retrofitting</u> the existing buildings against natural disasters	No	No experience.	1	1

Code	Work Item	Assessment Item	Experience	Comments	Rat	ing
	No.		(Yes or No)		C/P	Е
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
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	Е
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> for new building	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 <u>quality assurance during retrofitting</u> 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	110			

Code	Work Item	Assessment Item	Experience	Comments	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	experience.		3
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	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
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, y	vour comments are very helpful.	Please note your thoughts on	every survey item as m	such as possible in the comment box.

Cada	A second them	Willingness	Commente	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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	A according to the second	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No) Comments			Е
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	Assessment Item	Experience	Comments	Rat	ting
Coue	No.	Assessment item	(Yes or No)	Comments	C/P	Е
		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.		
I.2.2	9	Further study of current methods for designing (planning) for new buildings	No	Need advice	1	1
1.2.2	,	against natural disasters			-	-
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the	No	Need advice	1	1
11210	-	existing buildings against natural disasters			•	-
I.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
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against	No	Need advice	1	1
1.2.5	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.		(Yes or No)		C/P	Е
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	Assessment Item	Experience	Comments		Rating	
Coue	No.	Assessment ttem	(Yes or No)	Comments	C/P	Ε	
I.4.1	12	Further study of quality assurance systemYesHave joined in some seminars sometimes at IDB. Need more advice		1	1		
I.4.2	12, 24	2, 24 Preparation of checklist for ensuring quality assurance during Yes Need more advice		Need more advice	1	1	
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during Yes Need more advice		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> No Need more advice (planning) for new building		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			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	

25 1 25 2		T	
35-1, 35-2			<u> </u>

Code	Work Item	A	Experience			Rating	
	No.	Assessment Item	(Yes or No)			Ε	
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 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 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 "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 second them	tom Willingness	Commonte	Rat	ting
Code	Assessment Item		Comments		Е
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

a 1	• • •	Survey Result						
Code	Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey				
PWD's	PWD's management							
0.1	 Number of the Class 1 staff Ratio of the Class 1 staff Ratio of the Class 1 staff to all PWD staff Number of staff who is engaged in the 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 existing buildings against natural disasters, iv. supervising/ management of the retrofitting work, v. quality assurance, vi. training management) 	 3) i. Nil ii. 26 persons (Engineers of different level) iii. Nil iv. Nil v. All Executive Engineers posted in field divisions are primarily responsible for quality assurance. vi. Nil (Presently 3 part time officers are on additional charge) 						
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?	co-ordination with almost all the related organizations.						
0.3	 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 	 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. 						

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)-	
PWD's l	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	 No vehicle for carrying out testing operation is available. 15 items of equipments for material testing are in the stock of PWD testing laboratory. Have maintenance record. 	
PWD's l	Intellectual Resour	rce		
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 	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	T.	ndicator		Survey Result	
Code	1	nuicator	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	2) Natio (NPE 3) Stand How does the related laws/act or national plan/ policy state about <u>retrofitting</u> ?	onal Plan for Disaster Management DM) (2008-2015) ding Order on Disaster (SOD)	 Not yet promulgated 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) 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			1		T
IS.2	Statements of the PDM's Overall Goal	ny institution on retrofitting of the c buildings including government ling, hospital, fire station, school, er, etc. established? any institution on the issuance of se to the engineers completing ing programme introduced by the ect established? any manuals prepared through the ect incorporated into BNBC?	No		
IS.3	on retrofitting awaren	r institution on promotion of public ness activities on retrofitting of the ng buildings built?	No		

2^{nd} year

 2^{nd} 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 "<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	A	Experience		Rating	
Code	No.	Assessment Item	(Yes or No)	Comments		Е
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		Rat	
coue	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	More Training needed	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new</u> buildings against natural disasters	No	More Training needed	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	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 against natural disasters	Yes	More Training needed. Have learned new method	2	2
				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	Comments		ting
couc	Item No.		(Yes or No)			Е
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
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	More Training needed	1	1

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	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> for new building	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 <u>quality assurance during retrofitting</u> 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		No	More Training needed	1	1

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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

Cada	A second them	Willingness	Comments		ing
Code	Assessment Item	(Yes or No)			Е
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
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 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 "<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 No.	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	Assessment Item		Experience Comments		
	Item No.		(Yes or No)		C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Have some experience. Need more study and		
I.2.1	8	existing literatures related to construction as well as the		guidance	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 some experience. Need more study and	2	2
1.2.2		new buildings against natural disasters		guidance	3	3
I.2.3	0	Further study of current methods for designing (planning) for	Yes	Have some experience. Need more study and	2	2
1.2.3	9	retrofitting the existing buildings against natural disasters		guidance	2	2
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No	No experience	1	1
1.2.4	10-1	buildings against natural disasters			I	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 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			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	Yes	Learned from CNCRP. Need more guidance.	2	2

Code	Work	Assessment Item	Assessment Item Experience Comments	Rat	ing	
Coue	Item 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	Learned from CNCRP. Need more guidance.	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	Rat	ting
Coue	Item No.		(Yes or No)		C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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

Colo	Work	A	Experience	Commenter	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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

Cada	A second them	Willingness	Comments	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		Е
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
I.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 "<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	A second them	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	5, 5, 17, 50	reparation of inventory for the public buildings using OIS		Small scale inventory is prepared		İ
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	51-1	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	Assessment Item	Experience	Comments	Rat	ting
Couc	Item 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	Need study and proper 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 study and proper 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	No experience at all	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 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 at all	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 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

128	20.34	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	Assessment Item	Experience	Comments	Rat	ing
	Item No.		(Yes or No)		C/P	Ε
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	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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				
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	,	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				
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	No	No experience	1	1
	,	the <u>retrofitting work</u>				
I.4.6	24	Guidelines for ensuring quality assurance during designing	No	No experience	1	1
1		(planning) for new building				
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
1.4.0	24	(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No	No experience	1	1
1.7.7	24	work				
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	No experience	1	1
I.4.11		Monitoring of the retrofitting works done in order to assure	No	No experience	1	1
1.4.11	35-1, 35-2	quality				

Cala	Work	A	Experience	Commente	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	No	No Experience	1	1
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
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

Code	Assessment Item	Experience	nce Commonts		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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 "<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

Cala	Work Item	A	Experience		Rating	
Code	No.	Assessment Item	(Yes or No)		C/P	Е
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		Rat	ing
Cour	Item No.	Assessment rem	(Yes or No)		C/P	Ε
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	
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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	
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	
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.	Assossment Item	Experience (Yes or No)	Comments	Rat	ing
					C/P	Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	
122	21, 22-1,	Drengration of manual for the retrofitting works	No	Training is required	1	
1.3.2	31-2	Preparation of manual for the retrofitting works				

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	Е
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	
1.4.5	12, 24	construction for new building				
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
	,	designing (planning) for retrofitting				
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	No	Study is required	1	
	,	the retrofitting work				
I.4.6	24	Guidelines for ensuring quality assurance during designing	No	Study is required	1	
		(planning) for new building				
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u>	No	Study is required	1	
,		for new building				
I.4.8	24	Guidelines for ensuring quality assurance during designing	No	Study is required	1	
1		(planning) for retrofitting				
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	No	Study is required	1	
		work				
I.4.10	25-1	Preparation of materials for the training on quality assurance	No	Study is required	1	
I.4.11		Monitoring of the retrofitting works done in order to assure	No	Study is required	1	
1.4.11	35-1, 35-2	quality				

Code Work Assessment Item Experience Comments Rating
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	Item No.		(Yes or No)		C/P	Е
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	
I.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 "<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

C	Assessment Item	Willingness (Yes or No)	Comments	Rat	ting
Code				C/P	Е
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	
I.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	
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	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 "<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	Е
I.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 Inventory is going on with the software.	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Learned something from lectures, seminars and workshop of CNCRP. Need more guidance.	2	2
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 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
Cour	No.	Assessment tem	(Yes or No)		C/P	E
		Further study of BNBC, foreign codes, manuals and other	No	No experience. Need training and guidance.		
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	No experience. Need training and guidance.	1	1
1.2.2	,	new buildings against natural disasters			1	1
I.2.3	9	Further study of current methods for designing (planning) for	No	No experience. Need training and guidance.	1	1
1.2.5	,	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	Yes	Have some knowledge by attending lectures and	2	2
1.2.4	10-1	against natural disasters		trainings under CNCRP.	2	2
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings	Yes	Have some knowledge by attending lectures and	2	2
1.2.3	10-1	against natural disasters		trainings under CNCRP.	2	2
1.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings	No	No experience. Need training and guidance.	1	1
1.2.0	11, 19, 21	against natural disasters			1	1
127	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings	No	No experience. Need training and guidance.	1	1
I.2.7	11, 19, 21	against natural disasters			1	1
1.2.8	20, 34	Preparation of design documents including drawing for	No	No experience. Need training and guidance.	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	ing
coue					C/P	Е
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	Е
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	Yes	Have some knowledge by attending lectures and	2	2
1.4.2	12, 24	designing (planning) for new building		trainings under CNCRP.		
I.4.3	12,24	Preparation of checklist for ensuring quality assurance during	Yes	Have some knowledge by attending lectures and	2	2
1.7.5	12, 24	construction for new building		trainings under CNCRP.		
I.4.4	12, 24	Preparation of checklist for ensuring quality assurance during	Yes	Have some knowledge by attending lectures and	2	2
1.7.7	12, 24	designing (planning) for retrofitting		trainings under CNCRP.		
I.4.5	12, 24	Preparation of checklist for ensuring quality assurance during	Yes	Have some knowledge by attending lectures and	2	2
1.4.5	12, 24	the <u>retrofitting work</u>		trainings under CNCRP.		
I.4.6	24	Guidelines for ensuring quality assurance during designing	Yes	Have some knowledge by attending lectures and	2	2
1.4.0	24	(planning) for new building		trainings under CNCRP.		
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u>	Yes	Have some knowledge by attending lectures and	2	2
1.4.7	24	for new building		trainings under CNCRP.		
I.4.8	24	Guidelines for ensuring quality assurance during designing	Yes	Have some knowledge by attending lectures and	2	2
1.4.0	24	(planning) for retrofitting		trainings under CNCRP.		
I.4.9	24	Guidelines for ensuring quality assurance during retrofitting	Yes	Have some knowledge by attending lectures and	2	2
	24	work		trainings under CNCRP.		
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		Monitoring of the retrofitting works done in order to assure	No	No experience. Need training and guidance.	1	1
1.4.11	35-1, 35-2	quality				

	Work	A	Experience		Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	Е
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
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

C	A	Experience	Commonte	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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^{nd} year

Individual Aspect (Working Team 2)

<u>Name of the C/P and his/her position:</u> 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 "<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

Colo	Work Item	A	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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			ing
Cour	Item No.	Assessment 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 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 <u>retrofitting</u> 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		

Code	e Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Cout					C/P	Ε
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Some experience. Need further 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
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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		Monitoring of the retrofitting works done in order to assure quality	Yes	Some experience	2	2

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.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
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	3	2

Cala	A	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

<u>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</u> 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 "<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	Commonte	Rat	ting
Code	No.		(Yes or No)	Comments		Е
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	2	2
1.1.5	8	Further study of BNBC for vulnerability assessment		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	Yes	Checked draft manual	2	2
1.1.5	51-1	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)		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	As shown in 1.1.4	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Have learned methods by lectures and training courses.	3	3
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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

128	20 34	Preparation of design documents including drawing for	Yes	Through test work and lectures	2	2
1.2.0	20, 54	retrofitting the existing buildings against natural disasters			2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Е
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
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Checked draft manual	2	2

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> work	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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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	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
1.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	Yes		2	2

C	A	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

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	Work Item	Assessment Item	Experience	C	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	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
Cout	Item No.	Assessment tem	(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	Further study of current methods for designing (planning) for	Yes	Need more study	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 more exercise	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
1.2.1	10-1	buildings against natural disasters				-
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Some experience	2	2
1.2.0	10 1	buildings against natural disasters			-	_
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Some experience	2	2
1.2.0	11, 19, 21	buildings against natural disasters			2	2
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, 54	retrofitting the existing buildings against natural disasters			2	~

Code	Work Item No. Assessment Item	Assessment Item	Experience	Comments	Rat	ting
coue			(Yes or No)		C/P	Е
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
Coue	Item No.		(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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	1	1

	Work	A (T)	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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

Cala	A	Experience	Commenter	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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.		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

	Work Item		Experience (Yes or No)		Rat	ing
Code	No.			Comments	C/P	Е
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	3	2
1.1.5	8	Further study of DIVDC for vulnerability assessment		assessment	5	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	Yes	Working with JET team(Assessment Part)	3	3
1.1.5	51-1	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.		(Yes or No)	Comments	C/P	Е
		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	From JET training	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	Yes	From JET training	3	3
1.2.5		retrofitting the existing buildings against natural disasters			5	5
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
1.2.0	10 1	buildings against natural disasters			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	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes		2	2
1.2.7	11, 19, 21	buildings against natural disasters			2	2
I.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			5	5

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ing
					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

Code	Work		Experience	Comments	Rating		
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е	
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> for new building	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> 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	No		1	1	

Colo	Work	Work Assessment Here	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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

		Experience			ing
Code	Assessment Item		Comments	C/P	Е
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, Member, Working Team-2 (Assistant Engineer, PWD Design Division-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	Work Item	k Item	Experience	Comments	Rat	ing
Code	No.	Assessment Item	Assessment Item (Yes or No)		C/P	Е
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	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.		(Yes or No)	Comments	C/P	Е
		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			5	5
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			5	5
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	No		1	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
1.2.0	10 1	buildings against natural disasters			-	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes		2	2
1.2.0	11, 19, 21	buildings against natural disasters				
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes		2	2
1.2.7	11, 19, 21	buildings against natural disasters			2	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			2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Ε
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
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes		2	2

Code	Work	Work Assessment Item	Experience	Comments	Rating		
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е	
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> for new building	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> 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	No		1	1	

	Work		Experience	C	Rating	
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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
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

		Experience			ing
Code	Assessment Item		Comments	C/P	Е
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: MONIRUZZAMAN MONI, MEMBER, Assistant Engineer, Design Div. 3

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		Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)		C/P	Е
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	YES	Have some experience but need practical implementation.	2	2
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 the existing buildings	YES	Have some experience.	2	2
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO	Have no experience	1	1

Code	Work		Experience	Comments	Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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
I.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 <u>retrofitting</u> the existing buildings against natural disasters	YES	Have a few experiences.	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 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	Have a few experiences.	2	2
1.2.6	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
1.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	YES	Have some experience.	2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
couc					C/P	Е
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	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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	YES	Have some experience.	2	2
I.4.9	24	Guidelines for ensuring <u>quality assurance during retrofitting</u> work	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

	Work		Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	NO	Have no experience	1	1

Cala	A	Experience	Commente		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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 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^{nd} 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 "<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		Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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			ting
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			5	5
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	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	Yes	Have some experience.	2	2
1.2.1	101	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
1.2.5	10 1	buildings against natural disasters			2	
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, 17, 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, 54	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
coue					C/P	Е
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	Yes	Preparation of Guideline for retrofitting works is started (Just beginning) by the component 3	2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> work	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	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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

C	A	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	Е
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 "<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

Cal	Work Item	Assessment Item	Experience	Commonte	Rat	ing
Code	No.		(Yes or No)		C/P	Е
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 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 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		Rat	ing
Cour	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
		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		JICA	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
1.2.5		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
1.2.5	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			2	2
I.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	4
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	ing
coue					C/P	Е
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.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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

Cala	A	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)		C/P	Е
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		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 "<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

Colo	Work Item	Assessment Item	Experience	Commentaria de la competitiva de la competitiv	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	the existing buildings				i l
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.		(Yes or No)		C/P	E
		Further study of BNBC, foreign codes, manuals and other	YES	Studied ACI code, IBC code, AISC, FEMA, ATC for		
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	2
I.2.3	9	Further study of current methods for designing (planning) for	YES	Studied JASS guideline and FEMA guidelines	2	2
1.2.5	,	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	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO	No experience	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	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	
1.2.7	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 Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	YES	Done during academic study	2	2
122	21, 22-1,	Drengration of manual for the rate of this works	YES	Reading JASS guidelines , FEMA guidelines for	2	2
1.3.2	31-2	Preparation of manual for the retrofitting works		preparation of manual for retrofitting works		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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	<i>Experience gained through test work of the project</i> <i>CNCRP</i>	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> 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 <u>quality assurance during retrofitting</u> 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
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	2	2

	Work	A	Experience		Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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
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	YES	A littlie experience	2	2

Cala	A	Experience	Commonte	Rat	ting
Code	Assessment Item	(Yes or No)		C/P	Е
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 "<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	Assessment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
		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			5	5
I.2.3	9	Further study of current methods for designing (planning) for	No	Need Experience	1	1
1.2.5	,	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 Experience	1	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	Need Experience	1	1
1.2.0	10 1	buildings against natural disasters				-
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	Need 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	Need Experience	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	Need Experience	1	1
1.2.0	20, 54	retrofitting the existing buildings against natural disasters			1	

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
coue					C/P	Е
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	Е
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> for new building	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 <u>quality assurance during retrofitting</u> 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

Colo	Work	A	Experience	Commentaria.	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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

	A (T)	Experience	Commonto	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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	A	Experience	Commonte	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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
Couc	Item No.	Assessment rem	(Yes or No)	comments	C/P	E
	0	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	37			
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Through BNBC	3	3
-		new buildings against natural disasters				
I.2.3	9	Further study of current methods for designing (planning) for	No	Need Experience	1	1
	_	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	Need Experience	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	Need Experience	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	No	Need Experience	1	1
1.2.0	11, 19, 21	buildings against natural disasters			1	1
127	11, 19, 21	Preparation of design manual for retrofitting the public	No	Need Experience	1	1
I.2.7	11, 19, 21	buildings against natural disasters			1	1
120	20.24	Preparation of design documents including drawing for	No	Need Experience	1	1
I.2.8	20, 34	retrofitting the existing buildings against natural disasters			1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Е
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
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	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> 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	Monitoring of the retrofitting works done in order to assure quality	Yes	Need improvement	3	2

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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

	A (T)	Experience	Commonto	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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. I.	Work Item No.	Assessment Item	Experience	C	Rating	
Code		Assessment Item	(Yes or No)	Comments	C/P	Е
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		Rat	ting
Couc	Item No.	Assessment rem	(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	2
I.2.3	9	Further study of current methods for designing (planning) for	No	No Experience. Need more training and guidance.	1	1
1.2.5	,	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. Need more training and guidance.	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	No	No Experience. Need more training and guidance.	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	No	No Experience. Need more training and guidance.	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. Need more training and guidance.	1	1
1.2.7	11, 19, 21	buildings against natural disasters				1
I.2.8	20, 34	Preparation of design documents including drawing for	No	No Experience. Need more training and guidance.	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
cout					C/P	Е
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	Assessment Item	Experience	Comments		ting
Couc	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> 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 <u>quality assurance during retrofitting</u> 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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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

Cada	A	Experience	Commente	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

 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 "<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".

Colo	Work Item	A	Experience	Comments.	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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

1) The PDM Output 1-related items

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	Familiar with BNBC	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No		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		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
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No		1	1

			buildings against natural disasters			
120	20.24	Preparation of design documents including drawing for	No	1	1	
1	1.2.8	20, 34	retrofitting the existing buildings against natural disasters		1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
Couc			(Yes or No)		C/P	Е
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

Cada	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	Gained some experience during 1 st 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 <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 different methods of retrofitting works during display at PWD E/M Building, under CNCRP	2	2

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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

	A 4 T4	Willingness	Rat	ing
Code	Assessment Item	(Yes or No)	C/P	Е
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

Cada	Work Item	A second and Idour	Experience	Commonte	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 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	Have further study on BNBC, ATC40 and related online articles.	2	2
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> 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 <u>retrofitting</u> the existing buildings against natural disasters	No	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
I.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.		
I.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
1.2.7	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	Work	Assessment Item	Experience	Comments	Rat	ing
Couc	Item 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	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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	No		1	1
I.4.10	25-1	Preparation of materials for the training on quality assurance	No		1	1

C	Work		Experience	Commenter	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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

C. I.	A	Experience	C	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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. I.	Work Item	A	Experience	Commente	Rat	ting
Code	No. Assessment Item (Yes or No)	Comments	C/P	Ε		
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
1.1.5	51-1	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	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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
I.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
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 <u>retrofitting</u> 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	Ε
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
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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 <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	No		1	1

	Work	A (T)	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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
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.

	A 4 T 4	Experience		Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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: ABDULLAH MOHAMMOD ZUBAIR ; SUB-DIVISIONAL ENGINEER ; DESIGN DIVISION-5, PWD

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".

1) The PDM Output 1-related items

C	Work Item	A	Experience	C	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	Ratin C/P 1 2 1 1 1 1 1	Е
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
1.1.5	51-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO		1	1

Code	Work	Assessment Item	Experience			ing
Couc	Item No.	2 xssessment 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	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
I.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	YES	Have some experience with CNCRP	2	2
I.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
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	Assessment Item	Experience	Comments	Rat	ing
couc	Item No.	Assessment term	(Yes or No)	Comments	C/P	Е
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	Rat	ting
Coue	Item No.	Assessment rem	(Yes or No)	Comments	C/P	Е
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> for new building	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 <u>quality assurance during retrofitting</u> 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

C	Work	A	Experience	Commentaria de la competitiva de la competitiv	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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.

Cada	A	Experience	Commente	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	Rat C/P 4 4 5 4	Е
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

 2^{nd} 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 "<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 (T)	Experience		Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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
L1.5	31-1	Preparation of manual for doing vulnerability assessment of the	no	no experience	1	1
1.1.5	51-1	existing buildings				
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
cout	No.		(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	attended 2 related seminars	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new</u> <u>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
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.	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	Rat	ting
Code	No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <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	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

	Work Item	A (T)	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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.

G 1	· · · · ·	Experience		Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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, 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

	Work Item	A	Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.1.5	51-1	existing buildings				1
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		ting
	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 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</u> <u>buildings</u> against natural disasters	yes	Have participated in two nos related seminars & several related classes in PWD conference room.	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 <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 C/P	ting 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	Rat	ing
Code	No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <u>construction for</u> <u>new building</u>	yes	have some experience on guidelines for ensuring quality assurance during <u>construction for new building</u>	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

	Work Item	A (T /	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.

G 1	· · · · ·	Experience		Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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".

1) The PDM Output 1-related items

Cada	Work Item	A an a sum ou 4 14 am	Experience	Commonte	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	Have some idea through CNCRP. Need advice		2
I.1.3	8	Further study of BNBC for vulnerability assessment	No	Studied on design point of view		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
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
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
		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.		
I.2.2	9	Further study of current methods for designing (planning) for new buildings	No	Need advice	1	1
1.2.2	,	against natural disasters			1	-
I.2.3	9	Further study of current methods for designing (planning) for retrofitting the	No	Need advice	1	1
1.2.0	-	existing buildings against natural disasters			-	-
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against	No	Need advice	1	1
1.2.4	10-1	natural disasters			1	1
I.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	T

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	ing
Cour	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	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	Assessment Item	Experience	Comments		ing
Cour	No.	Assessment tem	(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
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

35-1, 35-2			

	Work Item	A	Experience	Commente		ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule	Yes	Have some idea.		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 "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	Willingness	Commente	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

 2^{nd} year

Organizational Aspect

Organizational Aspect

6.1				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	3) i. Nil ii. 26 persons (Engineers of different level) iii. Nil iv. Nil v. All Executive Engineers posted in field	 667 Persons, some new post has been created but not filled yet. Total nos of post for Class1 staff is now 823. 0.11. Expected 0.147apx (w/823). 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 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		 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. 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. 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. 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. 	 Same as 2011. Same as 2011. Same as 2011. Same as 2011. 	

PWD's	s Financial Status				
0.4	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.	 i. Budget allocated by the Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil. ii. Expenditure-(For FY-2011- 2012)- Tk. 65,884.00 (million) i) Nil. ii) Nil 	
PWD's	Equipment and Ma				
O.5	Equipment and Maintenance	material test, etc. How much equipment does PWD own?2) Status of maintenance of the above		operation is now available. 92 set	
PWD's	Intellectual Resour	°ce		· · · ·	
0.6	Intellectual Resource	 3) Roadmap for retrofitting 4) Design manual for designing the building against natural disasters 5) Design manual for retrofitting the building against natural disasters 6) Design documents for retrofitting 7) Manual for retrofitting works 8) Checklist for quality assurance 9) 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 	 building inventory data of 2020 nos public building of Dhaka city has been taken. Same as 2011 Same as 2011 Same as 2011 Same as 2011 Preparation of design manual for retrofitting of building has been started and in process. A few design documents for retrofitting is collected. A draft copy of "Guideline for retrofitting works" has been completed. Draft checklist for design has been completed. Same as 2011 	

 2^{nd} year

Institutional Aspect

Institutional Aspect

Cade		Indicator	Survey Result			
Code		Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey	
egal s	ystem at National Level					
IS.1	2) N (N	National Plan for Disaster Management NPDM) (2008-2015) tanding Order on Disaster (SOD)	 Not yet promulgated 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) See Art.4.2.13.1 			
nstitut	tion					
IS.2	Statements of the PDM's Overall Goal	s any institution on retrofitting of the ablic buildings including government ailding, hospital, fire station, school, nelter, etc. established? s any institution on the issuance of cense to the engineers completing aining programme introduced by the roject established? Are any manuals prepared through the roject incorporated into BNBC?	No	1) Same as 2011 2) Same as 2011 3) Same as 2011		
IS.3	Public awareness on retrofitting	any institution on promotion of public areness activities on retrofitting of the sting buildings built?		3) Same as 2011		

3^{rd} year

3rd year

Individual Aspect (Working Team 1)

<u>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)</u>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	Work Item	A	Experience	C	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	Rat	ing
Cout	Item No.	Assessment rem	(Yes or No)		C/P	Е
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</u> <u>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 (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	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		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	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> for new building	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 <u>quality assurance during retrofitting</u> 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

	Work	No. Assessment Item	Experience		Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	Е
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.

Cala	A	Willingness	Commonto		ing
Code	Assessment Item	(Yes or No)		C/P	Е
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
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.	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	Assassment Item	Experience		Rat	ing
Code	No.		(Yes or No)	Comments		Е
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	ing
Cour	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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</u> <u>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
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
I.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
I.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 (Yes or No)	Comments	Rating	
Cout					C/P	Е
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
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
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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

Cala	Work	A	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments		Е
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
I.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
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 "<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.

Cada	A avagent and Idam	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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 "<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		Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)		C/P	Е
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 building inventory database.	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
I.2.1	2.1 8 existing literatures related to construction as well as the retrofitting design for the buildings against natural disasters under CNCRP project. More study is		Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2	
I.2.2	9			Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2
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	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

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

Code	le Work Item No.	Assessment Item	Experience	Comments		ting
cout			(Yes or No)			Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	1
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Training is required	1	1

Code	Work	Assessment Item	Experience	Comments	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	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> for new building	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> work	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	Monitoring of the retrofitting works done in order to assure quality	No	Study is required	1	1

Cada	Work	A account of 140 m	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments		Е
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 No Study is required schedule		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
1.5.5	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 "<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.

		Willin		Rat	ting
Code	Assessment Item	gness (Yes or No)	Comments	C/P	Е
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 "<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	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments		Е
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		ting
coue	No.		(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
I.2.2	9	rther study of current methods for designing (planning) for <u>new</u> No 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
I.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)	Comments	Rating	
Cour					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
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	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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	6 6	No	No experience. Need training and guidance.	1	1

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations	Yes	Attended some seminars.	2	2
I.5.2	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 "<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

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C	A	Experience	Comments		ting
Code	Assessment Item	(Yes or No)			Е
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

3rd 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, Working Team-2____

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	Work Item	Assassment Itom	Experience	C	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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
Cout	Item No.	Assessment tem	(Yes or No)		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
	ý	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
1.2.5		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
1.2.4		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			2	2
1.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Some experience	2	2
1.2.0	11, 19, 21	buildings against natural disasters			2	2
127	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Some experience	2	2
I.2.7	11, 19, 21	buildings against natural disasters			2	2
120	20.24	Preparation of design documents including drawing for	Yes	Some experience	2	2
I.2.8	20, 34	retrofitting the existing buildings against natural disasters			2	2

Code	Work	Assessment Item	Experience (Yes or No) Comments	Comments	Rating	
	Item No.				C/P	Е
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.		(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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	Yes	Some experience	2	2

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.	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
I.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 "<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	Experience		Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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	Work Item	Assossment Item	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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
1.1.3	51-1	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	Rating	
Couc	Item No.	Assessment 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	3	3
I.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
I.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
I.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
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	Checked draft manual	2	2
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Through test work and lectures	2	2

I

3) The PDM Output 3-related items

Code	Work	Assessment Item	Comments	Rat	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	Have practical experience	4	4
1.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes	Checked draft manual	2	2

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> work	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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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	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 "<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	Experience (Yes or No)	Comments	Rating	
				C/P	Е
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 "<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 No.	Assessment Item	Experience (Yes or No)		Rating	
					C/P	Е
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
		the existing buildings				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	Rating	
					C/P	Е
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	2	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	3	3
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Needs enough exercise for confidence	2	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	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	Yes	Currently I am involved 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
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Already I have completed one building(Retrofit design drawing)	3	3

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ting
cout			(Yes or No)		C/P	Ε
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	Assessment Item	Experience	Comments	Rating	
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> 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	Yes	Some experience	2	2

	Work	A	Experience		Rating	
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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.	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
I.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

Cala	A	Experience	Comments		ting
Code	Assessment Item	(Yes or No)			Е
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: 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

Cada	Work Item	A second set Itom	Experience	Commonte	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments		Е
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		Rat	ing
Couc	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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
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 <u>retrofitting</u> the existing buildings against natural disasters	Yes	Learning through working with CNCRP and relevant 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 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
I.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	ng CNCRP	building	3	3
1.2.0	20, 34	retrofitting the existing buildings against natural disasters		assessment			5	5

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
cout				e o limitentes	Rat C/P 4 2	Е
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.		2

Code	Work	Assessment Item	Experience	Commonte	Rating	
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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	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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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
I.4.11	25-1, 25-2, 35-1, 35-2		No	Did not get such scope of works	1	1

	Work	A (T)	Experience		Rating	
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.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
I.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

C	Assessment Item	Experience	Commente		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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

Colo	Work Item No.	Assossment Item	Experience	Commentaria de la competitiva de la compe	Rat	ing
Code		Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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
Cout	Item No.	Assessment tem	(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				
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	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
1.2.0	10 1	buildings against natural disasters			2	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Some experience	2	2
1.2.0	11, 19, 21	buildings against natural disasters			2	2
I.2.7	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	2
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Needs more exercise	2	2
1.2.8	20, 34	retrofitting the existing buildings against natural disasters			Z	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	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
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	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> 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 <u>quality assurance during retrofitting</u> 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	Yes	Some experience	2	2

Call	Work	A	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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

Cala	Assossment Item	Experience	Commente	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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 "<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	Assessment Item	Experience	Comments	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 st level and 2 nd 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	Comments	Rat	ing
Coue		Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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
1.2.6	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
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> 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 Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
Couc					C/P	Е
			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		
				laboratory.		
122	21, 22-1,	Preparation of manual for the retrofitting works	Yes	I have knowledge about the preparation of manual	2	2
I.3.2	31-2	Preparation of manual for the reforming works		for the retrofitting works.		

Code	Work	Assessment Item	Experience	Commonts		ting
	Item No.		(Yes or No)		C/P	E 2
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	2	2
1.4.1	12	Further study of quality assurance system		quality assurance system.		
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	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> for new building	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 <u>quality assurance during retrofitting</u> 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

Colo	Work	A	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.5.6	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

	A 4 T/	Experience		Rat	ing
Code	Assessment Item	(Yes or No)		C/P	Е
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	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.		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

<u>Name of the C/P and his/her position:</u> 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 "<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

Colo	Work Item	A	Experience	Comments		ting
Code	No.	Assessment Item	(Yes or No)			Е
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	Comments	Rat	ing
Couc	Item No.	Assessment rem	(Yes or No)	Comments	C/P	Е
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 <u>retrofitting</u> 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

<u>1</u>	retrofitting the existing buildings against natural disasters	

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ting
			(Yes or No)	Comments	C/P	Ε
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	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	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.5.5	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

C	A	Experience	Commenter	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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	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 "<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

Colo	Work Item	A	Experience	C	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	5, 5, 17, 50	reparation of inventory for the public buildings using 015		Access		1
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, 52	vunerability assessment of the existing bundlings		existing building yet		1
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	Further study of BINDC for vulnerability assessment		in New & existing BNBC	1	
I.1.4	8	Further study of foreign codes for vulnerability assessment	No	Not yet	1	1
T 1 5	21.1	Preparation of manual for doing vulnerability assessment of	No	No, I have been involved in New Building Design	1	1
I.1.5	31-1	the existing buildings		Manual.		1
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 rem	(Yes or No)	Comments	C/P	Е
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
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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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
I.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
I.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	Т
1.2.0	20, 54	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 some experience	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Not involved	1	1

Cada	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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	2	1

Colo	Work	Assessment Item	Experience	Commentaria.	Rat	ting
Code	Item No.	0.	(Yes or No)	Comments	C/P	Е
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

C. J.	A	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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.		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

3rd 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 "<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	Assessment Item	Experience (Yes or No)		Rat	ing
Code	No.			Comments	C/P	Е
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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
		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			5	
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	2	2
1.2.5	,	retrofitting the existing buildings against natural disasters		1	2	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Have some experience.	2	2
	10-1	buildings against natural disasters		-	_	
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	yes	Have some experience.	2	2
1.2.0	101	buildings against natural disasters		-	-	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	No	No 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	No experience.	1	1
1.2.1	11, 17, 21	buildings against natural disasters			1	1
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Have some experience.	2	2
1.2.0	20, 54	retrofitting the existing buildings against natural disasters			2	4

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
coue					C/P	Ε
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Have some experiences.	3	3
I.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 renontting works		near to complete		

Cada	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> work	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	Monitoring of the retrofitting works done in order to assure quality	No	No experience.	1	1

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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 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 "<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	A	Experience	Commonte	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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 "<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	Work Item	Assessment Item	Experience	Commentary and the	Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	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		Rat	ing
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
I.2.1	8	Further study of BNBC, foreign codes, manuals and other existing literatures related to construction as well as the	Yes	Have Attended some seminar organized by ESCB, JICA	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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	No	Have some experience, need more advice	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 experience, need more advice	2	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No	Have some experience, need more advice	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, need more advice	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, need more advice	2	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters	No	Need Experience	1	1

Code	e Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Е
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
1.3.2	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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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	6 6	Yes	Having some knowledge, Need improvement	2	2

	Work	A	Experience		Rat	ting
Code	Item No.		(Yes or No)		C/P	Е
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
I.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
I.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

Cala	A	Experience	Commonte	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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 "<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	Assessment Item	Experience		Ra	ting
Code	No.		(Yes or No)	Comments	C/P	Е
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
Cout	Item No.		(Yes or No)		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			5	
I.2.3	9	Further study of current methods for designing (planning) for	YES	Studied JASS guideline and FEMA guidelines	3	3
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
1.2.4	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	
I.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
1.2.7	11, 19, 21	buildings against natural disasters			1	
I.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			5	

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
couc					C/P	Е
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	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 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 <u>construction</u> 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> work	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		YES	Experience gained through test work of the project CNCRP	1	2

	Work	A	Experience		Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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
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
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

Cal	A	Experience	Commonts		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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: 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 "<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	Work Item	A	Experience	Commentary and the	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 seminars, studied codes and lecture materials provided by JET	3	3
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 <u>retrofitting</u> 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	2	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
I.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	1
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	No	Need Experience	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> 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	2	2

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rating	
cout					C/P	Е
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
I.3.2	21, 22-1,	Preparation of manual for the retrofitting works	Yes	Have experience to some extent. Have worked as a	2	2
1.3.2	31-2	rieparation of manual for the renonting works		member of WT-3 of CNCRP. Need much advice		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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	Monitoring of the retrofitting works done in order to assure quality	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
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
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

Cala	A	Experience	Commonts	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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. I.	Work Item		Experience			ting
Code	No.		(Yes or No)	Comments	C/P	Е
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 the existing buildings	No	NO experíence	1	1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	No	NO experíence	1	1

Code	Work	Assessment Item	Experience	Comments		ting
cout	Item No.	2 x55C55ment rem	(Yes or No)	Comments	C/P	E
		Further study of BNBC, foreign codes, manuals and other	Yes	Need more training and guidance		1
I.2.1	8	existing literatures related to construction as well as the			1	3
		retrofitting design for the buildings against natural disasters				1
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			1	5
I.2.3	9	Further study of current methods for designing (planning) for	NO	Need more training and guidance	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	Need more training and guidance	1	1
1.2.4	10-1	buildings against natural disasters			-	
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Need more training and guidance	1	1
1.2.5	10-1	buildings against natural disasters			-	
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			-	
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	NO	Need more training and guidance	1	
1.2./	11, 19, 21	buildings against natural disasters			-	1
I.2.8	20, 34	Preparation of design documents including drawing for	NO	Need more training and guidance	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
Cout					C/P	Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	Yes	Need more training and guidance	2	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	No	Need more training and guidance	1	1

Cada	Work	Assessment Item	Experience	Commonto	Ra	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 <u>construction for new building</u>	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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure quality	No	No experíence	1	3

	Work	Assessment Item	Experience		Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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
I.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
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No	No experíence	1	1
I.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

Cala	Assessment Item	Experience	Commenter	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 guídance	N	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 guídance	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 more guídance	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 guídance	Ŋ	3

3rd 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 "<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. J.	Work Item	Assessment Item	Experience	C	Rating	
Code	No.		(Yes or No)	Comments	C/P	Е
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
I.1.5	31-1	Preparation of manual for doing vulnerability assessment of	No		1	1
1.1.3	51-1	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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> 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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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
I.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 <u>retrofitting</u> the existing buildings against natural disasters	No	1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ting
Couc			(Yes or No)		C/P	Е
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

Cada	Work		Experience	Commonte	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 <u>construction</u> 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 <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,	Monitoring of the retrofitting works done in order to assure	No	1	1
1.7.11	35-1, 35-2	quality			

Code	Work	Assessment Item	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		1	1
I.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
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	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.

Code	A SEESSMENT ITEM	Experience	Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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:

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	Work Item	Assessment Item	Experience	C	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	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
Couc	Item No.	Assessment tem	(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			5	5
I.2.3	9	Further study of current methods for designing (planning) for	YES		3	3
1.2.5		retrofitting the existing buildings against natural disasters			5	5
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	NO		1	2
1.2.7		buildings against natural disasters			1	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	NO		1	2
1.2.5	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
1.2.7	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	Work Item No.	Assessment Item	Experience	Comments		ting
cout			(Yes or No)		C/P	Е
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	Assessment Item	Experience	Comments		ting
Couc	Item No.		(Yes or No)		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> for new building	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> work	YES		2	2
I.4.10	25-1	Preparation of materials for the training on quality assurance	NO	A few experience.	2	2
I.4.11	25-1, 25-2, 35-1, 35-2		YES		2	2

	Work	A	Experience		Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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
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

Cala	A	Experience	Commente		ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

3rd year

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

	Work Item	A second such I to an	Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.1.0	011	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings			1	1

Code	Work		Experience	Comments	Rat	ing
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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			2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters			2	2
I.2.3	9	Further study of current methods for designing (planning) for 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 buildings against natural disasters			2	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters			2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters			2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters			2	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters			2	2

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			3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works			2	2

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building			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> work			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	Monitoring of the retrofitting works done in order to assure quality			1	1

	Work	o. Assessment Item	Experience		Rat	ing
Code	Item No.		(Yes or No)	Comments	C/P	Е
I.5.1	13, 27, 37, 41, 43	Conduct of seminar/ workshop for the PWD works to be disseminated to other relevant organizations			4	4
I.5.2	26	Preparation of training curriculum, materials, budget plan and schedule			3	3
I.5.3	26, 36, 40				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

C	A	Experience	Commenter	Rating	
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings			4	4
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.			5	5

Name of the C/P and his/her position: Rashed Ahsan, Assistant Engineer, PWD Design Div-6, WT-5

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	Work Item	A	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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	51-1	the existing buildings				
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	Yes		2	2

Code	Work	Assessment Item	Experience	Comments		ting
Couc	Item No.	Assessment 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	No		1	1
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	No		1	1
I.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
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 <u>retrofitting</u> the existing buildings against natural disasters	No		1	1

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ting
cout			(Yes or No)		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
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	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		1	1
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> for new building	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> 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	No		1	1

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.5.6	26, 36, 40	Lecture on retrofitting work of the existing public buildings	No		1	1

Cada	A	Experience	Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

3rd year

Organizational Aspect

Organizational Aspect

		. . .		Survey Result	
Code		Indicator	Status (March 2011) at the First Survey	Status at the Second Survey	Status at the Third Survey
PWD's	s management				
0.1		buildings against natural disasters, iii. designing (planning) for retrofitting the	3) i. Nil ii. 26 persons (Engineers of different level) iii. Nil iv. Nil v. All Executive Engineers posted in field	 667 Persons, some new post has been created but not filled yet. Total nos of post for Class1 staff is now 823. 0.11. Expected 0.147apx (w/823). 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 	4
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.	e-Yes. The co-ordination with all the related organization is getting strong.
0.3	Concern of the PWD's top leaders	 Concern in retrofitting of the public buildings including government building, hospital, fire station, school, shelter, etc. Concern in issuance of the official license to the engineers completing training programme introduced by the Project Concern in the incorporation of the manuals prepared through the Project into the future edition of BNBC Future prospect of the retrofitting works being financed by the Bangladesh side 	 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. 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. 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. 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. 	 Same as 2011. Same as 2011. Same as 2011. Same as 2011. 	 Same as 2012. Same as 2012. Same as 2012. Same as 2012.

PWD's	Financial Status				
0.4	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.) 	 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. ii) Nil. 	 i. Budget allocated by the Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil. i. Expenditure-(For FY-2011- 2012)- Tk. 65,884.00 (million) i) Nil. ii) Nil. 	 i. Budget allocated by the Government (For FY 2012- 2013)- Tk.71,468.46 (million) ii. Nil. ii. Expenditure-(For FY-2012- 2013)- Tk.71,468.46 (million) i) Nil. ii) Nil
PWD's	Equipment and Ma	aintenance			1 /
0.5	Equipment and Maintenance	 Vehicles, equipment necessary for material test, etc. How much equipment does PWD own? Status of maintenance of the above equipment 	 No vehicle for carrying out testing operation is available. 15 items of equipments for material testing are in the stock of PWD testing laboratory. Have maintenance record. 	operation is now available. 92 se	
PWD's	Intellectual Resour	°ce			
0.6		 3) Roadmap for retrofitting 4) Design manual for designing the building against natural disasters 5) Design manual for retrofitting the building against natural disasters 6) Design documents for retrofitting 7) Manual for retrofitting works 	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 starter and in process. 6) A few design documents for retrofitting is collected. 7) A draft copy of "Guideline for the formation of the starter of t	 2) Vulnerability assessment of 3 nos building has been prepared by WT2 of CNCRP project. 3) Same as 2012 4) BNBC/ACI/IBC is followed, but a draft version of design manual has been prepared by WT2 5) Same as 2012. 6) Same as 2012. 7) A draft copy of "Guideline for retrofitting works" has been completed and the draft version of 'Manual of retro fitting works' is

3rd year

Institutional Aspect

Institutional Aspect

Cada		In diastan		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 Lo	evel			
IS.1	How does the related laws/act or national plan/ policy state about <u>retrofitting</u> ?		 Not yet promulgated 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) See Art.4.2.13.1 		 1) Same as 2012 2) Same as 2012 3) Same as 2012
Institu	tion				
IS.2	Statements of the PDM's Overall Goal	 Is any institution on retrofitting of the public buildings including government building, hospital, fire station, school, shelter, etc. established? Is any institution on the issuance of license to the engineers completing training programme introduced by the Project established? Are any manuals prepared through the Project incorporated into BNBC? 	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 public awareness activities on retrofitting of the existing buildings built?	No	3) Same as 2011	Same as 2012

4th year

4th year (End line Data) Individual Aspect (Working Team 1) <u>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)</u>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		Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments		Е
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		Rat	ing
Couc	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
1.2.2	9	Further study of current methods for designing (planning) for <u>new</u> <u>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	Assessment Item	Experience	Comments	Rat	ting
cout	Item No.		(Yes or No)			Е
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		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> for new building	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 <u>quality assurance during retrofitting</u> 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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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
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

C	A	Willingness	Commentaria.	Rat	ing
Code	Assessment Item	(Yes or No)			Е
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
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 "<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		Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments		Е
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	ing
Cour	No.	Assessment tem	(Yes or No)	Comments	C/P	Е
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</u> <u>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
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
I.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
I.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	Assessment Item Experience Comments		Rating	
cout	Item No.		(Yes or No)			Е
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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> 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 <u>quality assurance during retrofitting</u> 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	Yes	No experience. Need training and guidance.	2	2

	Work	A (T)	Experience		Rat	ting
Code	Item No.	Assessment Item		(Yes or No) Comments		
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
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	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	Yes	Have some knowledge by attending lectures, seminars, workshop under CNCRP.	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.

Colo	A	Experience	Commentaria.	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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
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.	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 "<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	ing
Code	No.	Assessment Item	(Yes or No)		C/P	Е
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 building inventory database.	3	3
I.1.2	6, 18, 32	Vulnerability assessment of the existing buildings	Yes	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	Е
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	Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters	Yes	Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Got some idea by attending lectures and trainings under CNCRP project. More study is required	2	2
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	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

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
I.2.7	11, 19, 21	Proparation of design manual for retrafitting the nublic	No	Study/training is required	1	1
I.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	No	Study/training is required	1	1

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Е
I.3.1	10-1, 10-2	Material test such as strength test of concrete core	No	Training is required	1	1
1.3.2	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	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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	Monitoring of the retrofitting works done in order to assure quality	No	Study is required	1	1

C	Work	A	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.5.5	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

		Willin		Rat	ing
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

4th 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 "<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	Work Item	A	Experience	C	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	21.1	Preparation of manual for doing vulnerability assessment of	Yes	Some experience on editing	4	4
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	Е
	0	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
	-	new buildings against natural disasters			Ũ	-
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Needs enough exercise for confidence	3	4
1.2.5	,	retrofitting the existing buildings against natural disasters			5	-
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		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			2	2
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, 19, 21	buildings against natural disasters			4	4
127	11 10 21	Preparation of design manual for retrofitting the public	Yes	Some experience	2	2
I.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
1.2.8	20, 34	retrofitting the existing buildings against natural disasters		-	3	3

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	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	Rating		
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е	
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> 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 <u>quality assurance during retrofitting</u> 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	Yes	Some experience	2	2	

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	Lecture on vulnerability assessment of the existing buildings	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

	A	Experience	Comments		ing
Code	Assessment Item	(Yes or No)			Е
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 "<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	Work Item No.	Assessment Item	Experience	Commenter	Rat	ting
Code			(Yes or No)	Comments	C/P	Е
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	51-1	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		Rating	
Cout	Item No.	Assessment 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	3	3
I.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
I.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.	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	No	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	3	3
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters	Yes	Checked draft manual	3	3
1.2.8	20, 34	Preparation of design documents including drawing for <u>retrofitting</u> the existing buildings against natural disasters	Yes	Through test work and lectures and pilot project	3	3

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
					C/P	Е
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		Experience	Comments	Rating		
Coue	Item No.	Assessment Item	(Yes or No)		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> 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 <u>quality assurance during retrofitting</u> work	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	

	Work	A	Experience		Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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

		Experience		Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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
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 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

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C	Work Item	Assessment Item	Experience	C	Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
		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				
I.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	-
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Learning through working with CNCRP and relevant	3	3
1.2.5		retrofitting the existing buildings against natural disasters		study. Need much exercise on real buildings.	5	5
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
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Not such experiences	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	Learning through working with manual preparation	3	3
1.2.0	11, 17, 21	buildings against natural disasters		works of CNCRP	5	5
I.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	5	5
I.2.8	20, 34	Preparation of design documents including drawing for	Yes	Learning through working CNCRP building	4	4
1.2.0	20, 34	retrofitting the existing buildings against natural disasters		assessment	+	

Code	Work	Assessment Item	Experience	Comments	Rat	ting
couc	Item 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	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.	3	3

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> work	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	Monitoring of the retrofitting works done in order to assure quality	Yes	Have got some experiences from pilot project	2	2

	Work	A (T)	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.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
I.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

Colo	A	Experience	Commentaria de la competitiva de la compe	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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.		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

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Colo	Work Item	A	Experience	Commente	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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	ting
Cout	Item No.	Assessment tem	(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				ļ
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				
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
1.2.1	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	Some experience	2	2
1.2.5	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, 17, 21	buildings against natural disasters			5	5
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			5	5
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			2	2

Code	Work	Assessment Item	Experience	Comments		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	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
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	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> 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 <u>quality assurance during retrofitting</u> 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	Yes	Some experience	2	2

Call	Work	A	Experience	Commentary and the	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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

Cala	Assessment Item	Experience	Commenter	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	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.

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Cada	Work Item	Assessment Item	Experience	Commonte	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 st level and 2 nd 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		Experience		Rat	ing
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Ε
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 <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.	4	4
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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.	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
I.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	Comments	Rat	ting
couc			(Yes or No)		C/P	Е
			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		
				laboratory.		
I.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 renontting works		for the retrofitting works.		

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.	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> for new building	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 <u>quality assurance during retrofitting</u> 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
I.4.11	25-1, 25-2, 35-1, 35-2	Monitoring of the retrofitting works done in order to assure	Yes	I gathered experience both in Japan and Bangladesh.	2	3

Cada	Work	Assessment Item	Experience	Commente	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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		Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)	Comments		Е
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	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 "<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	Assessment Item	Experience		Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	5, 5, 17, 50	reparation of inventory for the public buildings using 015		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	Further study of BINDC 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	51-1	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	Е
		Further study of BNBC, foreign codes, manuals and other	Yes	I have study some portion of Japanese standard for		
I.2.1	8	existing literatures related to construction as well as the		seismic assessment and retrofitting, lecture sheets	3	3
		retrofitting design for the buildings against natural disasters		and practical experience.	$ \qquad	
I.2.2	9	Further study of current methods for designing (planning) for	Yes	Needs more study	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	Yes	Needs more study and experience	3	3
1.2.3		retrofitting the existing buildings against natural disasters			5	5
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	Yes	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	I have been involved in New Building Design	4	4
1.2.0	11, 19, 21	buildings against natural disasters		Manual	4	4
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	No	Not involved	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	Some experience through pilot project	2	2

retrofitting the existing buildings against natural disasters			
retrontting the existing buildings against natural disasters		1	

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Ε
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	Not involved	1	1

Code	Work		Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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> 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	Yes	Some experience	2	2

Cal	Work	A	Experience	Commentaria.	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Ε
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

C. J.	A	Experience	Comments	Rat	ting
Code	Assessment Item	(Yes or No)		C/P	Е
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.		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

4th 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 "<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

Cal	Work Item No.	Assessment Item	Experience (Yes or No)	C	Rat	ing
Code				Comments	C/P	Е
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
Cour	Item No.	Assessment rem	(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				-
I.2.3	9	Further study of current methods for designing (planning) for	Yes	Have some experience.	3	3
1.2.5	,	retrofitting the existing buildings against natural disasters		1	5	5
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			5	5
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Have some experience.	2	2
1.2.0	101	buildings against natural disasters			-	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Have some experience.	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	No experience.	1	1
1.2.1	11, 19, 21	buildings against natural disasters			1	1
I.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			5	3

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
cout					C/P	Е
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
1.3.2	31-2	rieparation of manual for the renontting works		near to complete		

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 <u>construction</u> 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 <u>quality assurance during retrofitting</u> 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	Monitoring of the retrofitting works done in order to assure quality	Yes	Have some experience.	2	2

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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 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 "<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	A	Experience	Commonto		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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		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 "<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

Colo	Work Item	A	Experience	Commenter	Rat	ting
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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	ing
Coue	Item No.		(Yes or No)		C/P	Е
		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		JICA	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	Have some experience, need more advice	3	3
1.2.5	,	retrofitting the existing buildings against natural disasters			5	5
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
1.2.1	10-1	buildings against natural disasters			5	5
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	No	Have some experience, need more advice	3	3
1.2.0	10 1	buildings against natural disasters			5	5
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, 19, 21	buildings against natural disasters			5	5
I.2.7	11, 19, 21	Preparation of design manual for retrofitting the public	Yes	Have some experience, need more advice	2	2
1.4.1	11, 19, 21	buildings against natural disasters			~	2
I.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	4

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
					C/P	Е
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

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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 <u>construction</u> 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> work	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	6 6	Yes	Having some knowledge, Need improvement	4	4

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)		C/P	Е
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
I.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

C	A	Experience	Commonts	Rat	ting
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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 "<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	Work Item	Assassment Item	Experience	Comments	Rat	ting
Code	No.	Assessment item	(Yes or No)	Comments	C/P	Е
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	51-1	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		Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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 seminars, studied codes and lecture materials provided by JET	3	3
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 <u>retrofitting</u> 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
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 buildings against natural disasters	No	Need Experience	1	1
1.2.6	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.	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
I.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 reporting works		member of WT-3 of CNCRP. Need much advice		

Code	Work	Assessment Item	Experience	Comments	Ra	ting
Coue	Item No.		(Yes or No)		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 <u>construction for new building</u>	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 <u>construction</u> 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> work	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	Monitoring of the retrofitting works done in order to assure quality	Yes	Have experience to some extent. Have worked as a member of WT-3 of CNCRP. Need improvement	3	3

	Work		Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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	Have experience of giving lecture as a member of WT-3 of CNCRP. Need improvement	3	3

	A	Experience	C	Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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.			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 "<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	Assessment item	Experience		Rat	ing
Code	No.		(Yes or No)		C/P	Е
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		Rat	ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
		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			5	5
1.2.3	9	Further study of current methods for designing (planning) for	Yes	Need Opportunity & guidance	3	3
1.2.5	,	retrofitting the existing buildings against natural disasters			5	
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public	Yes	Need Opportunity & guidance	3	3
	101	buildings against natural disasters				
1.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public	Yes	Need Opportunity & guidance	3	3
1.2.0	101	buildings against natural disasters			5	
I.2.6	11, 19, 21	Preparation of design manual for designing the public	Yes	Need Opportunity & guidance	3	3
1.2.0	11, 19, 21	buildings against natural disasters			5	5
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			5	5
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	- 0 0		5	5

Code	Work Item No.	Assessment Item	Experience (Yes or No)	Comments	Rat	ting
coue					C/P	Ε
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

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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 <u>quality assurance during retrofitting</u> 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

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	Yes	Need Experience & guidance	3	3
I.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

Cal	A	Experience	Commonto	Rat	ing
Code	Assessment Item	(Yes or No)	Comments		Е
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

4th 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 "<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		Experience		Rat	ing
Code	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	51-1	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	ing
Couc	Item No.	2x35c55ment 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	Yes		3	3
I.2.2	9	retrofitting design for the buildings against natural disasters 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 <u>retrofitting</u> the existing buildings against natural disasters	Yes		3	3
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
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	No		2	2

retrofitting the existing buildings against natural disasters		

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
cout			(Yes or No)		C/P	Ε
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	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		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 <u>construction for new building</u>	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> for new building	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> work	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

	Work	Assessment item	Experience		Rat	ting
Code	Item No.		(Yes or No)	(Yes or No) Comments	C/P	Е
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		No		2	2
I.5.4	26, 36, 40	Lecture on designing (planning) of the new public buildings against natural disasters	No		2	2
I.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

	A	Willingness		Rat	ting
Code	Assessment Item	(Yes or No)		C/P	Е
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
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.			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 "<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. J.	Work Item	Assessment Item	Experience	Commonte	Rat	ing
Code	No.		(Yes or No)		C/P	Е
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
1.1.0	511	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
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
1.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> 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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> 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
I.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 <u>retrofitting</u> the existing buildings against natural disasters	No	1	1

Code	Work Item No.	Assessment Ifem	Experience (Yes or No)	Comments	Rat	ting
Couc					C/P	Е
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, as well as steel strength.	3	3
I.3.2	21, 22-1, 31-2	Preparation of manual for the retrofitting works	Yes		2	2

Cada	Work		Experience	Commente	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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.	4	4
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.	4	4
I.4.3	12, 24	Preparation of checklist for ensuring quality assurance during <u>construction for new building</u>	Yes	I am involved with the preparation of checklists.	4	4
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		2	2
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.	3	3
I.4.7	24	Guidelines for ensuring quality assurance during <u>construction</u> 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.	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 quality assurance during retrofitting	No		1	1

		work			
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

Cult	Work	A	Experience	Commenter	Rat	ting
Code	Item No.		(Yes or No)	Comments	C/P	Е
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
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	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 "<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	Experience (Yes or No)	Comments	Rat C/P	ting E
I.6.1	I am (this C/P is) willing to prepare/ hold the Project-related meetings such as JCC, seminar/workshop.	```		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.	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 "<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 No.	Assessment Item	Experience	Comments	Rat	ing
Code			(Yes or No)	Comments	C/P	Е
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	51-1	the existing buildings				1
I.1.6	16, 33	Preparation of roadmap for retrofitting the public buildings	NO		1	1

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Couc	Item No.	Assessment rem	(Yes or No)	Comments	C/P	Е
		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			5	5
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			5	
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			2	-
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			2	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
1.2.7	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	Work Item No.	Assessment Item	Experience (Yes or No)	Comments		ting
cout					C/P	Е
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	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> for new building	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> work	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

	Work	A	Experience		Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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

	A	Experience		Rat	ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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	Work Item	Assessment Item	Experience	Commonte	Rat	ting
Code	No.		(Yes or No)	Comments	C/P	Е
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	51-1	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	Rat	ting
Coue	No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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	As an 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
I.2.3	9	Further study of current methods for designing (planning) for <u>retrofitting</u> the existing buildings against natural disasters	Yes	During training program in Japan, I acquire little bit knowledge on retrofitting designing methods.	3	3
I.2.4	10-1	Development of <u>new method</u> for <u>designing</u> the public buildings against natural disasters	No		1	1
I.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
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 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

3) The PDM Output 3-related items

Code	Work Item No.	Assessment Item	Experience	Comments	Rat	ing
coue			(Yes or No)		C/P	Е
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

4) The PDM Output 4-related items

Code	Work	Assessment Item	Experience	Comments	Rat	ting
Coue	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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> for new building	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

C	Work	A	Experience	Commente	Rat	ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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 "<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.

Experience Rating Code Assessment Item Comments (Yes or No) C/P Е I am (this C/P is) willing to prepare/ hold the Project-related meetings 5 I.6.1 Yes 5 such as JCC, seminar/workshop. I am (this C/P is) willing to prepare the Project-related reports such as I.6.2 Yes 4 4 progress report, completion report. 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 5 5 I.6.3 Yes other related organizations' cooperation in promotion of such activity. I am (this C/P is) willing to use experience of "C/P training in Japan" for I.6.4 Yes 4 4 daily work.

4th 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 "<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	Work Item No.	Assessment Item	Experience	C	Rating	
Code			(Yes or No)	Comments	C/P	Е
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	21.1	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		Rat	ing
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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			3	3
I.2.2	9	Further study of current methods for designing (planning) for <u>new buildings</u> against natural disasters			2	2
I.2.3	9	Further study of current methods for designing (planning) for 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 buildings against natural disasters			2	2
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters			2	2
I.2.6	11, 19, 21	Preparation of design manual for <u>designing</u> the public buildings against natural disasters			2	2
I.2.7	11, 19, 21	Preparation of design manual for <u>retrofitting</u> the public buildings against natural disasters			2	2
I.2.8	20, 34	Preparation of design documents including drawing for retrofitting the existing buildings against natural disasters			2	2

3) The PDM Output 3-related items

Code	e Work Item No. Assessment Item Experience (Yes or No) Comments	Comments		ting		
			(Yes or No)		C/P	Ε
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

Code	Work	Assessment Item	Experience	Comments	Rat	ting
	Item No.		(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> for new building			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> work			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	Monitoring of the retrofitting works done in order to assure quality			2	2

5) The PDM Output 5-related items

	Work	A	Experience		Rat	ting
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
I.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 "<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 (T)	Experience	Comments		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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.			5	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.			5	5
	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
1.0.4	daily work.			5	3

Name of the C/P and his/her position: Rashed Ahsan, Assistant Engineer, PWD Design Div-6, WT-5

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

Colo	Work Item	Assessment Item	Experience	Commentary (Rat	ing
Code	No.		(Yes or No)	Comments	C/P	Е
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	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	Yes		2	2

2) The PDM Output 2-related items

Code	Work		Experience	Comments		ting
Couc	Item No.	Assessment 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		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
I.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
I.2.5	10-1	Development of <u>new method</u> for <u>retrofitting</u> the public buildings against natural disasters	No		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 <u>retrofitting</u> the existing buildings against natural disasters	No		1	1

3) The PDM Output 3-related items

Code	Work	Assessment Item	Experience	Comments		ting
cout	Item No.		(Yes or No)	e e mineries	C/P	Е
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		ting
Coue	Item No.	Assessment item	(Yes or No)	Comments	C/P	Е
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> for new building	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 <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	No		1	1

5) The PDM Output 5-related items

C	Work	A	Experience	C		ing
Code	Item No.	Assessment Item	(Yes or No)	Comments	C/P	Е
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
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.

Cada	A second Idams		Commentaria de la competitiva de la competitiv		ing
Code	Assessment Item	(Yes or No)	Comments	C/P	Е
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

4th year (End line Data)

Organizational Aspect

Cada		Indicator	Survey Result						
Code			Status at the First Survey	Status at the Second Survey	Status at the Third Survey	Status at the Forth Survey			
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			
0.1	PWD's staff	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	ii. 26 persons (Engineers of different level)	different level), another 6 post has been created but not filled yet.	different level.	ii. 32 persons (Engineers of different level.iii. same as 2013			
		existing buildings against natural disasters, iv. supervising/ management	iv. Nil	iv. same as 2011		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. vi. Nil (Presently 3 part time	vi. Nil (Presently 3 part time	vi. 24 persons of different levels	v. same as 2013 vi. same as 2013.			
			officers are on additional charge)	A proposal for 24 new staff o different levels has been submitted to the Govt.					

		Does PWD coordinate with other related	-Yes Initiative has been taken	-Yes. The co-ordination with all	-Yes. The co-ordination with all	-Yes. The co-ordination with all
		organizations such as MHPW, ERD,	for this co-ordination with			the related organization is getting
O.2	Coordination	DMB, MoFDM, DoA, BUET, BRI,	almost all the related		strong.	strong.
		HBRI, other donors in order to achieve	organizations.			
		the PDM's Overall Goal?				
			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	,	,	,
		building, hospital, fire station, school,	public buildings. A 4-year			
		shelter, etc.	capacity building project has			
			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			
		training programme introduced by the	such license. PWD can issue			
		Project	certificates to the participants			
			of such trainings, if offered.			
	Concern of the		Final decision maker on this			
	PWD's top leaders	2	matter is RAJUK, MoHPW.			
O.3	in the Project	3) Concern in the incorporation of the		3) Same as 2011.	3) Same as 2012.	3) Same as 2013.
	activities	manuals prepared through the Project	disseminate the prepared			
	uctivities	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) 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					
0.4	Financial Status	government or budget allocated by the Government, ii. business income if any, etc.)2) PWD's expenditure (i. subcontracting	 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. 	Government (For FY 2011- 2012)- Tk.65,884.00 (million) ii. Nil.	 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. 	 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.
PWD's I	Equipment and Ma	intenance	ii) Nil	ii) Nil	ii) Nil	ii) Tk. 1.6 (million)
0.5	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 stock of PWD testing laboratory.	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	rce				
		1) Volume of building inventory data	1)Not yet undertaken	1) building inventory data o	1) Same as 2012.	1) building inventory data of
				2020 nos public building o		2193 nos public building of
				Dhaka city has been taken.		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	2) Vulnerability assessment of 4
					nos building has been prepared	nos building has been prepared
						by WT2 of CNCRP project.
		· · · · · ·	3) Not yet undertaken	3) Same as 2011	3) Same as 2012	3) Same as 2013
		4) Design manual for designing the	4) BNBC/ACI/IBC is followed	4) Same as 2011		4) Draft version has been
		building against natural disasters				submitted to Editorial Advisory
					manual has been prepared by	Board.
					WT2	
		5) Design manual for retrofitting the	5) Not yet undertaken	5) Preparation of design manua		5) Same as 2013.
		building against natural disasters		for retrofitting of building has	s	
				been started and in process.		
		6) Design documents for retrofitting	6) Nil	6) A few design documents for	-	6) Design Documents for pilot
	T , 11 , 1			retrofitting is collected.		project has been prepared.
O.6	Intellectual	7) Manual for retrofitting works	7) Nil		(7) A draft copy of "Guideline for	
	Resource			-	retrofitting works" has beer completed and the draft versior	
				completed.	of 'Manual of retro fitting works'	
					is near to completed.	
		8) Checklist for quality assurance	8) Nil	8) Draft checklist for design ha	(s) Draft checklist for design has	8) Same as 2013
		b) Checklist for quality assurance	6) I III	been completed.	been completed.	6) Same as 2015.
		9) Judgment guidelines for quality assurance	9) Nil	9) Same as 2011	9) Draft checklist for design has	9) Same as 2013
		s sugnent guidennes for quarty assurance	5) T (II)) Sume us 2011	been completed	5) Sume us 2015.
		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		12) Same as 2011	· · · · · · · · · · · · · · · · · · ·	12) Training materials for short
		activities to be disseminated to other	t i i i i i i i i i i i i i i i i i i i		course on retrofit design has beer	course on retrofit design has been
		engineers			prepared by WT2 and WT3.	prepared by WT2, WT3 and
						WT4.

4th year (End line Data)

Institutional Aspect

C. I.		T. P		Survey	v Result	
Code		Indicator		Status at the Second Survey	Status at the Third Survey	Status at the Forth Survey
Legal s	system at National Le	vel				
IS.1	How does the related laws/act or national plan/ policy state about <u>retrofitting</u> ?	1) Disaster Management Act (DMA) 2) National Plan for Disaster Management (NPDM) (2008-2015)	 Not yet promulgated 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) 	1) Same as 2011 2) Same as 2011	1) Same as 2012 2) Same as 2012	1) Same as 2013 2) Same as 2013
		3) Standing Order on Disaster (SOD)		3) Same as 2011	3) Same as 2012	3) Same as 2013

Institu	tion					
		 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 2012	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) Same as 2011	2) Same as 2012	2) Same as 2013
		3) Are any manuals prepared through the Project incorporated into BNBC?	3) No		 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 public awareness activities on retrofitting of the existing buildings built?	No	Same as 2011	Same as 2012	Same as 2013