ANNEX II
Scope Reallocation

United Nations **Nations Unies**

HEAQUARTER – SIEGE NEW YORK, NY 10017

CAPITAL MASTER PLAN

FAX NO.: (212) 963-1967

SKANSKA CHANGE ORDER REQUEST APPROVAL FORM

Project Detail	Value of C.O.	Request No. CMP-15453	
Name: GMP: Contract B Package 2 - Pre-purchased Equipment	406,498.00	**Date of submission:**	28 March 2011
C.O. # B2-238R2		**Requester:**	Laura, Moll
Cost Event		**Request Class:**	Change Order
CHW Piping Crossover - Phase 1 B2-005-098		**Reason for C.O.:**	CMP Scope Change

Specifications/memo

Project Assignments

	Action	Status	Date	Days	Officer
1	Initial Review	Done	Mar-28-2011	0	Karen, Lee
	Additional comments:	Please review Skanska's change order request #B2-238R2 (Contract B, Package 2). Thanks. Karen.			
2	Cost Manager	Done	Mar-28-2011	0	Andrew, Robertson
	Additional comments:	Please note that this is a SCOPE REALLOCATION from Contract B Package 3 Please see attached Syska Email. G&T have reviewed the costs and Skanska have revised the costs per G&T comments/scope adjustment. as such G&T can confirm the costs of this Scope Reallocation are per the contract and fair and reasonableHistory of this Scope ReallocationOriginal Submission - $605,862Revised Submission - $406,498Reduction - $199,364 (32.9%)			
3	Project Manager	Done	Mar-28-2011	0	Stephen, Hahn
	Additional comments:	This change order is a scope reallocation from PK3 as the cross connect is required early for phasing. This request has been reviewed by the Professional Firm			
4	CMP POC	Done	Mar-28-2011	0	Kenneth, Champion
	Additional comments:				
5	Funding Clearance	Yes	Mar-29-2011	1	Vivian, VAN de PERRE
	Additional comments:				

A.) [ ] For Michael Adlerstein's Approval B.) [X] For Procurement Division (Contract Amendment)

****Note:*
A.) To be sent to Skanska and approved as part of the ASG's delegation of authority
B.) Procurement Division to issue contract amendment and transmit details of revised GMP amount to Skanska

United Nations **Nations Unies**

HEAQUARTER - SIEGE NEW YORK, NY 10017

CAPITAL MASTER PLAN

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SKANSKA CHANGE ORDER REQUEST APPROVAL FORM

Date 1 Apr 2011

Kenneth M. Champion, Director of Construction

Approval: Date 4 Apr 11

Michael Adlerstein, Assistant Secretary-General

SKANSKA

✓	Change Order Request
	Scope Reallocation
Project:	12UN03 Contract B Package 2
Cost Event #:	B2-005-098
Received By:	
Date:	

8 February 2011
Revised 25 March 2011

Michael Adlerstein
Assistant Secretary-General
United Nations Capital Master Plan
405 East 42nd Street, Room L-1B-100
New York, NY 10017

Re: Change Order Request No. B2-238R2: PCR-004-CHP - CHW Piping Crossover - Phase 1
Contract B Package 2 PD/CO062/09
Cost Event #B2-005-098

Dear Michael,

This letter shall serve as the written notice, pursuant to paragraph 3.10 of the Construction Management Agreement, that Skanska USA Building Inc. ("Skanska") requests a change to its Scope of Work. Please see the attached Standard Owner Directed Change Order for the scope of this change, the relevant contract provisions, and the impact to Contract Time.

Please advise Skanska should you have any questions or require clarification for this Change Order Request.

Very truly yours,

Daniel Kolakowski
Senior Vice President
Project Executive

Cc: K. Champion, K. Grenier, V. Van de Perre, P. Smith, S. Darnell, J. Forster, D. Dennison, S. Hahn, M. Thoresen, S. Aspden, S. Sedlacek, D. Siringo, J. Langdon, A. Moresco

RECEIVED
MAR 28 2011
CAPITAL MASTER PLAN

log # 11-33697

Standard Owner Directed Change Order

To:	Skanska USA Building Inc.	**Date:**	8 February 2011 / Revised 25 March 2011
Address:	350 Fifth Avenue, 32nd Floor, New York, NY 10118	**Project Name:**	Capital Master Plan, Refurbishment of the United Nations Headquarters, New York, NY
Change Order No.:	B2-238R2	**Project Name:**	Contract B Package 2
Cost Event No.:	B2-005-098	**Project No.:**	12UN03
Trade Contract(s)/ Purchase Order No(s) Affected by Change Order	JDP Mechanical / 12UN03-200-005		
		Contract No.:	PD/CO 062/09

1. Change Identification: The following changes are hereby made to the above-referenced Construction Management Agreement.

Scope:

Provide labor and material to perform the following work:

1. Reroute chilled water piping on Level 2B. This connects CHW piping to the General Assembly, South Annex, and DHL Buildings.
2. Tie in rerouted piping to the existing chiller plant. This piping is required to augment the temporary chiller plant for the Tech Center.
3. Modify piping at the temporary chiller plant. This piping is required to allow the cross connection of the existing glycol chilled water system through the temporary heat exchanger as part of Item 2 above.

This work must be completed prior to the decommissioning of the existing 2500 ton chillers, which is the kick-off for Chiller Plant Work. This change order request only includes costs for mechanical piping. These costs are being submitted first as this portion of the work is most critical to the schedule; a separate change order request will be submitted for other trades affected by PCR-004-CHP.

Rev-1 Note: This change order request includes only Phase 1 Work as identified by UNCMP, Syska, and Skanska project management. Phase 1 locations are noted on the attached drawings issued under PCR-004-CHP. Costs associated with the remaining two phases will be submitted under a separate change order.

Rev-2 Note: This change order has been revised to incorporate unit prices for Victaulic pipe in lieu of welded pipe as was agreed between Skanska and CMP through e-mail on 24 March 2011. The Rev-1 note still applies.

Documents:

JDP Proposal #090 dated 24 February 2011
Skanska E-mail dated 24 March 2011 with Attached Victaulic vs. Welded Pipe Comparison
PCR-004-CHP dated 20 October 2010 - Revised to Identify Phase 1 Sections

2. Adjustment to the GMP: As consideration for the change(s) identified in Section 1, the GMP is increased by:

Four hundred six thousand, four hundred ninety-eight	**Dollars**	**$406,498**

Comprised of the following:

Trade Contractor Costs	$	348,891
General Conditions Costs (7.00%)	$	24,422
Fee (2.95%)	$	11,013
SDI Costs (1.50%)	$	5,233
Contract Security Costs (.591%)	$	2,388
CCIP Insurance Costs (3.6%)	$	14,125
Non-CCIP Insurance Costs (0.105%)	$	426

If no adjustment is made, the above-referenced GMP contract amount remains unchanged.

3. Adjustment to Contract Time for Performance: In connection with the change(s) noted in Section 1, Construction Manager agrees that its time for performance under the above referenced GMP Contract will be adjusted as follows:

[X] Contract Time for Performance is extended as outlined under Change Order Request No. B2-159.

[ ] Construction Manager's Time for Performance remains unchanged.

In executing this Change Order, Construction Manager attests that the GMP Contract adjustment provided herein is adequate and constitutes compensation in full for all costs, claims, markup, and expenses, direct or indirect, attributable to this or any other prior Change Orders. Construction Manager further attests that the GMP Contract adjustment provided herein constitutes compensation in full for any delays, acceleration, or loss of efficiency encountered by Construction Manager in the performance of the Work through the date of this Change Order, and for the performance of this and any prior Change Orders by or before the date of Substantial Completion.

The Owner's approval of this Change Order shall further serve as authorization to the Construction Manager to issue Trade Contract(s) or Trade Contract Change Order(s) to the Trade Contractor(s) and or Supplier(s) whose Work is affected by this Owner Change Order.

Except as expressly modified herein, the terms and conditions of the GMP contract remain unchanged.

Owner:	**Construction Manager/Buyer:**
United Nations-Capital Master Plan	**Skanska USA Building Inc.**
By: _____ 4 Nov 11	By: _____ 25 nov 11
(Signature) (Date)	(Signature) (Date)
Michael Adlerstein Assistant Secretary-General	Daniel Kolakowski Senior VP/ Project Executive
(Printed Name) (Title)	(Printed Name) (Title)

Change Order Calculations

Contract: 12UN03 Contract B Package 2
Cost Event: B2-005-098
Description: B2-238R2: PCR-004 (Chiller Plant) - CHW Piping Crossover - Phase 1

Element	Rate	Cost
Trade Contractor Costs		$ 348,891
Premium Portion of TC Costs		$ -
Subtotal Trade Contractor Costs		$ 348,891
General Conditions	7.00%	$ 24,422
Subtotal		$ 373,313
Contingency		$ -
Subtotal		$ 373,313
Fee	2.95%	$ 11,013
Subtotal		$ 384,326
Subguard (SDI) Costs	1.50%	$ 5,233
Subtotal		$ 389,559
Contract Security Costs (PCG)	0.591%	$ 2,388
Subtotal		$ 391,947
CCIP Insurance Cost	3.60%	$ 14,125
Subtotal		$ 406,072
Non-CCIP Insurance Cost	0.105%	$ 426
Subtotal		$ 406,498
Total Not to Exceed		$ **406,498**

CE# 005-098
CO-B2-2382-1

JDP Mechanical Inc.

24-39 44th Street Astoria, New York 11103
Tel: 718.267.6767 Fax: 718.956.8543

February 24, 2011

Al Moresco
UNCMP-Contract B-Package 2
405 East 42nd Street
LB-B1-100
New York, NY 10017

Re: UNCMP
PCR-004 CHW Piping Crossover – Phase 1

JDP EWO 090

Dear Mr. Moresco,

We herewith submit our referenced Extra Work Order (EWO) for additional work as follows:

PCR 004 PCR-004 CHW Piping Crossover – Phase 1 (As shown on attached drawings)

1. All work on Straight Time
2. Motorized Isolation Valves by Others
3. Pressure Differential Valves by Others
4. Demo is by Others, Cut & Cap, Drop to the floor by this Contractor
5. System Drain Down & Fill by Others
6. Water Treatment Not Included
7. Balancing Not Included

A start date of February 18th for field investigation could be achieved with an executed change order.

Total Cost ~~$360,687.60~~ ~~$360,688.-~~ $348,891-

Upon receipt of this proposal, please provide formal authorization for the respective work scope (s) noted herein.

If you should have any questions, or wish to discuss this further, please contact me at your convenience.

Thank You,
JDP Mechanical Inc.
Joseph Furelli
Project Manager

JDP Mechanical Inc.
24-39 44th Street, Astoria, NY11103
718 267-6767/ (F) 718 956-8543

Extra Work Order			
JDP Project Number	6200		
Project Name	UNCMP Contract B Package 2		
JDP Extra Work Order Number	90		
Submission Date	02/24/11		
Submitted by	Joseph Furelli		
Change Description	PK3 PCR 004 CHW Piping Crossover		
Reference Documentation	PK3 PCR 004 Phase 1		
Item Description	**%**	**Costs**	
Labor & Material (Unit Prices)			
Steamfitter		$	$324,850.93 ~~336,647.52~~
Sub-Total		$	$324,850.93 ~~336,647.52~~
Sub-Contractors (Unit Prices)			
Insulation		$	24,040.08
Sub-Total		$	24,040.08
Sub-Contractors (Quotes)			
	Cost	$	-
Allowable Mark-Up	15%		
Allowable Mark-Up (JDP Mechanical)	10%	$	-
Sub-Total		$	-
Vendors/Equipment (Quotes)			
	Cost		
Allowable Mark-Up	15%	$	-
Allowable Mark-Up (JDP Mechanical)	10%	$	-
		$	-
Summary Of Costs			
Labor & Material		$	$324,850.93 ~~336,647.52~~
Sub-Contractors (Unit Prices)		$	24,040.08
Sub-Contractors (Quotes)		$	-
Vendors/Equipment		$	-
Total Change Order Proposal		$	$348,891.- ~~360,687.60~~

JDP Mechanical Inc.
24-39 44th Street, Astoria, NY11103
718 267-6767/ (F) 718 956-8543

Extra Work Order

JDP Project Number	6200
Project Name	UNCMP Contract B Package 2
JDP Extra Work Order Number	90
Submission Date	02/24/11
Submitted by	Joseph Furelli
Change Description	PK3 PCR 004 CHW Piping Crossover
Reference Documentation	PK3 PCR 004 Phase 1

Description	Size (inches)	Type	Men	hrs	Day	Qty	Unit	Unit Pricing	Sub-Total	Notes
M-BAS-M202B-B-CHP										Steamfitter
CHW Piping Installation	10	Piping				36	ft	$259.00	$9,324.00	Installation Phase1
CHW Piping Installation	10	Elbow				3	ea	$1,531.00	$4,593.00	Installation Phase1
CHW Piping Installation	10	Tee				2	ea	$1,913.75	$3,827.50	Installation Phase1
CHW Piping Installation	10	Reducer				2	ea	$1,531.00	$3,062.00	Installation Phase1
CHW Piping Installation	16	Core Bore				224	sqin	$12.25	$2,744.00	Installation Phase1
CHW Piping Installation	8	Piping				436	ft	$236.00	$102,896.00	Installation Phase1
CHW Piping Installation	8	Elbow				2	ea	$1,221.00	$2,442.00	Installation Phase1
CHW Piping Installation	8	Tee				2	ea	$1,526.25	$3,052.50	Installation Phase1
CHW Piping Installation	8	Flanges				6	ea	$777.00	$4,662.00	Installation Phase1
CHW Piping Installation	8	Butterfly Valve				2	ea	$4,734.00	$9,468.00	Installation Phase1
CHW Piping Installation	4	Piping				86	ft	$97.00	$8,342.00	Installation Phase1
CHW Piping Installation	4	Elbow				2	ea	$609.00	$1,218.00	Installation Phase1
CHW Piping Installation	4	Flanges				2	ea	$434.00	$868.00	Installation Phase1
										* NOTE
Sub Total									~~$156,499.00~~ $144,702.41 ✓	
M-BAS-M307-CHP										Steamfitter
CHW Piping Installation	12	Piping				94	ft	$306.00	$28,764.00	Installation Phase1
CHW Piping Installation	12	Elbow				10	ea	$1,904.00	$19,040.00	Installation Phase1
CHW Piping Installation	12	Tee				7	ea	$2,380.00	$16,660.00	Installation Phase1
CHW Piping Installation	12	Reducer				2	ea	$1,904.00	$3,808.00	Installation Phase1
CHW Piping Installation	12	Flanges				7	ea	$1,404.00	$9,828.00	Installation Phase1
CHW Piping Installation	12	Butterfly Valve				2	ea	$8,942.00	$17,884.00	Installation Phase1
CHW Piping Installation	10	Piping				32	ft	$259.00	$8,288.00	Installation Phase1
CHW Piping Installation	10	Elbow				5	ea	$1,531.00	$7,655.00	Installation Phase1
CHW Piping Installation	10	Butterfly Valve				2	ea	$6,807.00	$13,614.00	Installation Phase1
CHW Piping Installation	10	Flanges				6	ea	$1,138.00	$6,828.00	Installation Phase1
CHW Piping Installation	10	Control Valve				28	hrs	$139.99	$3,919.72	Installation Phase1
CHW Piping Installation	8	Butterfly Valve				3	ea	$4,734.00	$14,202.00	Installation Phase1
CHW Piping Installation	8	Flanges				5	ea	$777.00	$3,885.00	Installation Phase1
CHW Piping Installation	8	Piping				30	ft	$236.00	$7,080.00	Installation Phase1
CHW Piping Installation	8	Elbow				4	ea	$1,221.00	$4,884.00	Installation Phase1
Sub Total									$166,339.72 ✓	
M-BAS-MD202B-B-CHP										Steamfitter
CHW Piping Installation	6	Cap				2	ea	$509.40	$1,018.80	Installation Phase1
CHW Piping Installation	6	Flanges				2	ea	$635.00	$1,270.00	Installation Phase1
CHW Piping Demo, Drop to Floor Only	6	Piping & Fittings	6	8	1	48	hrs	$139.99	$2,304.00	Installation Phase1
Sub Total									$4,592.80 ✓	
M-BAS-MD-302-CHP										Steamfitter
CHW Piping Demo, Drop to Floor Only	6	Piping & Fittings	6	8	4	192	hrs	$139.99	$9,216.00	Installation Phase1
Sub Total									$9,216.00 ✓	
Total									$336,647.52	

Total Steam fitter Cost

*NOTE:
Victaulic -vs- Welded Comparison
credit of <$11,796.59>

$324,850.93 ← Revised Total

JDP Mechanical Inc.
24-39 44th Street, Astoria, NY11103
718 267-6767/ (F) 718 956-8543

Extra Work Order

JDP Project Number	6200
Project Name	UNCMP Contract B Package 2
JDP Extra Work Order Number	90
Submission Date	02/24/11
Submitted by	Joseph Furelli
Change Description	PK3 PCR 004 CHW Piping Crossover
Reference Documentation	PK3 PCR 004 Phase 1

Description	Size (inches)	Type	Men	hrs.	Qty	Unit	Unit Pricing	Sub-Total	Notes
M-BAS-M202B-B-CHP									Insulator
CHW Piping Installation	10	Piping			36	ft	$23.22	$835.92	Installation Phase1
CHW Piping Installation	10	Elbow			3	ea	$69.66	$208.98	Installation Phase1
CHW Piping Installation	10	Tee			2	ea	$69.66	$139.32	Installation Phase1
CHW Piping Installation	10	Reducer			2	ea	$69.66	$139.32	Installation Phase1
CHW Piping Installation									
CHW Piping Installation	8	Piping			436	ft	$20.58	$8,972.88	Installation Phase1
CHW Piping Installation	8	Elbow			2	ea	$61.74	$123.48	Installation Phase1
CHW Piping Installation	8	Tee			2	ea	$61.74	$123.48	Installation Phase1
CHW Piping Installation	8	Flanges			6	ea	$61.74	$370.44	Installation Phase1
CHW Piping Installation	8	Butterfly Valve			2	ea	$102.90	$205.80	Installation Phase1
CHW Piping Installation	4	Piping			86	ft	$14.40	$1,238.40	Installation Phase1
CHW Piping Installation	4	Elbow			2	ea	$43.20	$86.40	Installation Phase1
CHW Piping Installation	4	Flanges			2	ea	$43.20	$86.40	Installation Phase1
Sub Total								$12,530.82 ✓	
M-BAS-M307-CHP									Insulator
CHW Piping Installation	12	Piping			94	ft	$26.40	$2,481.60	Installation Phase1
CHW Piping Installation	12	Elbow			10	ea	$79.20	$792.00	Installation Phase1
CHW Piping Installation	12	Tee			7	ea	$79.20	$554.40	Installation Phase1
CHW Piping Installation	12	Reducer			2	ea	$79.20	$158.40	Installation Phase1
CHW Piping Installation	12	Flanges			7	ea	$79.20	$554.40	Installation Phase1
CHW Piping Installation	12	Butterfly Valve			2	ea	$132.00	$264.00	Installation Phase1
CHW Piping Installation	10	Piping			32	ft	$23.22	$743.04	Installation Phase1
CHW Piping Installation	10	Elbow			5	ea	$69.66	$348.30	Installation Phase1
CHW Piping Installation	10	Butterfly Valve			2	ea	$116.10	$232.20	Installation Phase1
CHW Piping Installation	10	Flanges			6	ea	$69.66	$417.96	Installation Phase1
CHW Piping Installation	10	Control Valve			28	hrs	$116.10	$3,250.80	Installation Phase1
CHW Piping Installation	8	Butterfly Valve			3	ea	$102.90	$308.70	Installation Phase1
CHW Piping Installation	8	Flanges			5	ea	$61.74	$308.70	Installation Phase1
CHW Piping Installation	8	Piping			30	ft	$20.58	$617.40	Installation Phase1
CHW Piping Installation	8	Elbow			4	ea	$61.74	$246.96	Installation Phase1
Sub Total								$11,278.86 ✓	
M-BAS-MD202B-B-CHP									Insulator
CHW Piping Installation	6	Cap			2	ea	$57.60	$115.20	Installation Phase1
CHW Piping Installation	6	Flanges			2	ea	$57.60	$115.20	Installation Phase1
Sub Total								$230.40 ✓	
Total								$24,040.08 ✓	

Total Insulator Cost