

**Third Joint Session
Panel on Tropical Cyclones | Typhoon Committee
(42nd Session of PTC and 47th Session of TC)
9- 13 February 2015
ESCAP - UN Conference Center
Bangkok, Thailand**

FOR PARTICIPANTS ONLY
INF/TC.47/12.1
21 January 2015

ENGLISH ONLY

**IN-KIND CONTRIBUTION
FROM TYPHOON COMMITTEE MEMBERS**

(Item 12 of Provisional Agenda – In-kind Contribution)

(Submitted by Typhoon Committee Secretariat)

ACTION REQUIRED:

The Committee is invited the Members to:

Take note of the In-kind contributions from the Members

APPENDIX:

Summary and List of In-kind Contribution from Typhoon Committee Members

IN-KIND CONTRIBUTION FROM TYPHOON COMMITTEE MEMBERS FOR 2014

MEMBER	UNIT OF MAN-MONTHS	VALUE ASSIGNED (USD)
CHINA	45.00	64,837
HONG KONG, CHINA	4.20	79,800
JAPAN	25.30	8,150
REPUBLIC OF KOREA	21.20	58,500
THAILAND	12.00	15,099
TOTAL	107.70	226,386

TCTF BUDGET ITEM/OTHERS	IN-KIND CONTRIBUTION	Unit of Man-Months	VALUE ASSIGNED (USD)	Comments
CHINA				
Joint training course of AOP 4 and AOP 5	Preparation work for the training course <ul style="list-style-type: none"> • Travel expenses • Training course (meeting room, meal, hotel) 	5.0	3,000 1,937	
TCS expert's visit to Fujian, China	Preparation work for the visit <ul style="list-style-type: none"> • Travel expenses 	1.0	600	
Thailand officer's visit to Guangxi, China	Preparation work for the visit <ul style="list-style-type: none"> • Travel expenses 	2.0	1,200	
Support to attend Integrated Workshop (IWS) and other activities	<ul style="list-style-type: none"> • Transportation • Logistics • Travel expenses 	11.0	12,600	IWS; TC annual session; Working Meeting on Cooperative Mechanism for Coastal Multi-hazards Early Warning Information Sharing and Technical Transferring between PTC and TC, WGH Working meeting
Verification of tropical cyclone operational forecast	<ul style="list-style-type: none"> • Transportation • Logistics • Travel expenses 	4.0	4,500	
Publication of Tropical Cyclone Research and Review	<ul style="list-style-type: none"> • Online submission system installation • Printing expense • Delivery expense 	12.0	19,000	Quarterly Journal
Training in the Typhoon Committee Training Centre (WMO RTC Nanjing)	<ul style="list-style-type: none"> • Training • Logistics • Transportation 	10.0	22,000	40 trainees from TC Members in 5 trainings
	TOTAL	45.0	64,837	

TCTF BUDGET ITEM/OTHERS	IN-KIND CONTRIBUTION	Unit of Man-Months	VALUE ASSIGNED (USD)	COMMENTS
Hong Kong, China				
TRCG AOP 2014 Item 1 - Roving Seminar (with themes on warning communication) 3-5 November 2014	<ul style="list-style-type: none"> • Transportation and consumables • Local logistics support and planning 	1.5	28,500	<ul style="list-style-type: none"> - About 10 days each for a Senior Scientific Officer, a Scientific Officer and an Experimental Officer for the preparation work beforehand - About 3 days each for a Senior Scientific Officer, a Scientific Officer, two experimental officers and a scientific assistant for on-site coordination and logistic support during the seminar
Taskforce on TC Intensity Analysis for Upgrading TD under WGM	<ul style="list-style-type: none"> • Served as leader of the taskforce and organized the ad-hoc meeting of the taskforce in May 2014 	0.3	5,700	10 days by a Senior Scientific Officer spent in coordinating and carrying out the activities of the taskforce.
POP3 Tropical Cyclone Research and Review	<ul style="list-style-type: none"> • Served as Associate Editors in reviewing manuscripts 	0.4	7,600	About 6 days each by two Senior Scientific Officers
WGDRR [AOP 5] Training Workshop for Typhoon Committee Community Weather Station Project (iCoWIN) (5-7 November 2014)	<ul style="list-style-type: none"> • Local logistics support and planning 	1.0	19,000	
WGDRR [AOP 9] Production of short video to promote public awareness on typhoon-related hazards in international arena. (around 5 minutes covering storm surge, high winds and waves)	<ul style="list-style-type: none"> • Planning, liaison with contractor and stakeholders • Provide comments and tackle copyright issue 	1.0	19,000	
TOTAL		4.2	79,800	

TCTF BUDGET ITEM/OTHERS	IN-KIND CONTRIBUTION	Unit of Man-Months	VALUE ASSIGNED (USD)	COMMENTS
JAPAN				
Budget Item 3: Support for attachment of three(3) forecasters to RSMC Tokyo - Typhoon Center	<ul style="list-style-type: none"> • Preparation and Attachment Training at the RSMC Tokyo 	4.0		
Budget Item 8: Development of regional radar network	<ul style="list-style-type: none"> • Lecture on radar composite map, and Quantitative Precipitation Estimation and Quantitative Precipitation Forecasting (QPE/QPF) • Training on programming for radar composite maps 	3.8		
RSMC Tokyo Activities	<ul style="list-style-type: none"> • Publication of "Annual Report on the Activities of the RSMC Tokyo - Typhoon Center" • Publication of "Technical Review" • Development and maintenance of the JMA Numerical Typhoon Prediction (NTP) website • Update of TOM 	2.0 2.0 5.0 1.0	3,000 150	
Storm Surge Watch Scheme	<ul style="list-style-type: none"> • Improvement of storm surge information for TC members, especially, a) addition of 41 stations for time series charts such as harmonic analysis of tide observation data for estimated astronomical tides and b) improvement of horizontal storm surge map image 	7.0		
Tropical Cyclone Ensemble Forecast Information Website	<ul style="list-style-type: none"> • Replacement and maintenance of the server machine 	0.5	5,000	
TOTAL		25.3	8,150	

TCTF BUDGET ITEM/OTHERS	IN-KIND CONTRIBUTION	Unit of Man-Months	VALUE ASSIGNED (USD)	COMMENTS
Republic of Korea				
Research Fellowship of TRCG	<ul style="list-style-type: none"> Travel expenses for three typhoon experts DSA for three typhoon experts for 2 months Other cost 	6.0	2,600 13,800 1,500	(3 persons x 2 months)
AOP5 of WGM, Development of typhoon seasonal prediction system	<ul style="list-style-type: none"> Operation and improvement of web-portal for typhoon seasonal prediction 	12.0	20,000	(12 months)
ITEM 9, Technology transfer of the Typhoon Analysis and Prediction System (TAPS)	<ul style="list-style-type: none"> Implementation of TAPS to DMH, Lao PDR Three lectures and two practice 	0.3		(2 persons x 5 days)
Organization of the WGDRR annual session in Seoul, ROK	<ul style="list-style-type: none"> Travel expenses (TCS and members) Room Rental Stationary Staffs 	2.0	20,000	
WGDRR expert mission (TCTF Budget Item 16)	<ul style="list-style-type: none"> Travel Expenses (experts) staffs 	0.4	600	Expert mission to the Philippines (Apr) Expert mission to Guam (Nov)
Exhibition booth in AMCDRR & UN World Conference (TCTF Budget Item 18)	<ul style="list-style-type: none"> staffs 	0.5		
	TOTAL	21.2	58,500	
Thailand				
Hosting the 46 th Typhoon Committee Session, Maple Hotel, Bangkok, Thailand 10 – 13 February 2014	<ul style="list-style-type: none"> Organizing cost 16 supporting staff as the LOC 		15,099	
Development of regional radar network (AOP WGM : 7)	<ul style="list-style-type: none"> Four TMD's staff served as experts team in radar composite project 	12.0		
	TOTAL	12.0	15,099	