

BAR No. 1

QUARTERLY PHYSICAL REPORT OF OPERATION
 As of 30 June 2017

Department : **DEPARTMENT OF SCIENCE AND TECHNOLOGY (DOST)**
 Agency : **METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC)**
 Operating Unit :
 Organization Code :

Php 313.666M Current Year Appropriations
 - Supplemental Appropriations
 - Continuing Appropriations
 - Off-Budget Account

Performance Indicators	UACS CODE	Physical Targets					Physical Accomplishments					Variance as of 30 June 2017	Remarks
		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total		
1	2	3	4	5	6	7=(3+4+5+6)	8	9	10	11	12=(8+9+10+11)	13	14
Part A													
I. Operations													
MFO 1 : RESEARCH AND DEVELOPMENT													
Quantity : No. of Projects Completed		5	9	10	12	36	4	7	-	-	11	(25)	
Quality : % of Projects Completed in the last five (5) years that are published in recognized media or adopted by the industry		60%	60%	60%	60%	60%	71%	71%	-	-	71%	11%	
Timeliness : % of Projects Completed within the time frame in accordance with original project approval		90%	90%	90%	90%	90%	100%	100%	-	-	100%	10%	
MFO 2 - TECHNICAL ADVISORY SERVICES													
Quantity : No. of Technical Advisory Services Rendered		1,358	1,530	871	748	4,507	1,559	1,366	-	-	2,925	(1,582)	
Quality : % of Clients who rate the technical services as satisfactory or better (based on CSS respondents)		90%	90%	90%	90%	90%	99%	99%	-	-	99%	9%	
Timeliness : % of requests that are acted upon within three (3) days of request		90%	90%	90%	90%	90%	98%	98%	-	-	98%	8%	

II. Projects			
LOCALLY-FUNDED PROJECTS (LFP)		Physical Targets	
GOVERNMENT BUILDINGS		Physical Accomplishments	
1. Completion of MIRDC Laboratory and Administration Building		<ul style="list-style-type: none"> * Low Voltage Switch Gear Rehabilitation * Retrofitting of beams, columns, slabs and girders and renovation of GMU, Central Records Office, COA, Library, ATD-DHO and Instrumentation Laboratory at the ground floor and Chem. Lab. and Chapel at the 2nd floor (Phase II) * Renovation and installation of modular partition at GMU, Central Records Office, COA and Instrumentation and Chem. Lab. Offices. Renovation of Chapel * Upgrading/Renovation of Comfort Rooms (1st Floor and Basement) * Construction and installation of Elevator System * Upgrading of waterline system including fire hydrants, water collection system, replacement of waterlines, sanitary lines and piping RCP's and drainage system of the building * Construction of landing areas into display areas * Replacement of stairs into tiles * Repair of roof gutters and damaged ceilings * Installation of CCTV at Gold Building hallways, basement, specified location at 1st, 2nd, 3rd floor and cashier customer area 	<p>% of Completion: 35%</p> <ul style="list-style-type: none"> - Ongoing Retrofitting of beams, columns, slabs and girders and renovation of GMU, Central Records Office, COA, Library, ATD-DHO and Instrumentation Laboratory at the ground floor and Chem. Lab. and Chapel at the 2nd floor. - Ongoing installation of Elevator - Initial design/layout for renovation of areas under retrofitting project already submitted by the contractor. Awaiting BOQ for evaluation prior to bidding. <div data-bbox="1478 791 2020 1064" data-label="Image"> </div>
2. Rehabilitation of Mechanical Workshop (MWS) II Building		<ul style="list-style-type: none"> * Provision of transformer suitable to new electrical loads and auxiliary system * Furnishing of offices, R&D and Mechatronics laboratory * Rehabilitation of old welding booths, exhaust systems * Construction of new welding booths, exhaust systems * Provision of plumbing system * Perimeter landscaping * Furniture and Fixtures 	<p>(carried over from previous years)</p> <p>0% (Phase III)</p> <ul style="list-style-type: none"> -Ongoing TOR preparation for Phase III Construction -(Note: Phase 3 shall be financed using the 2017 MIRDC GAA) <p>% of Completion: 97% (Phase I and II);</p> <ul style="list-style-type: none"> -Phase I construction is 100% completed and Phase II construction is 97% completed. -(Note: Phase 1 and 2 were financed thru 2014 and 2016 MIRDC GAA)

LOCALLY-FUNDED PROJECTS (LFP)		Physical Targets		Physical Accomplishments
3. Repair of Perimeter Fence of the Center		<ul style="list-style-type: none"> * Completion of the DOST South Gate and installation of signages for the North and South DOST gates * Construction of covered walkway from DOST South Gate to MIRDC * Construction of waiting shed at DOST South Gate * Construction of retaining wall for the entire perimeter fence of the Center * Installation of CCTV within the Center's premises * Rehabilitation of selected drainage pipes * Construction of Parking Lots (including motorcycle parking area) within the Center's premises. 		<p>% of Completion: 15%</p> <ul style="list-style-type: none"> -Completed Design of signages, covered walk-way, parking area and landscaping. -Construction of Guardhouse in MIRDC gate ongoing
4. Construction of New Cistern Tank and Upgrading of the Center's Water Supply and Sanitary Lines		<ul style="list-style-type: none"> * Integrity check-up of Overhead tank, columns, footings, & braces for damage and /or deterioration. * Repair of Overhead tank * NDT leak testing of water lines supplying Gold, Platinum, Titanium, Steel and Copper Buildings * Construction of 2k gallon rain catchment tank for PD, Foundry, Heat Treatment and MWS II 		<p><i>(new project)</i></p> <p>% of Completion: 15%</p> <p>Structural analysis and design of 50,000 gal overhead tank, new cistern tank and 2,500 gal rain catchment tanks completed. Still awaiting report on the integrity check up of the overhead tank.</p>

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BY: *Archie Magpantay* DATE: 7/17/17
 Finance and Administrative Division
 Metals Industry Research and Development Center


LOCALLY-FUNDED PROJECTS (LFP)		Physical Targets		Physical Accomplishments
ECONOMIC DEVELOPMENT (INDUSTRY MANPOWER DEVELOPMENT)				
1. Establishment and Strengthening of Information and Communication Technology (ICT) Infrastructure (ICT Infra) and Business Online Solution System (BOSS) of the Center in Support to the Productivity and Competitiveness of the M&E Industries		Procurement of communication equipment and communication network: PABX for Steel and Copper Bldgs., Upgrading of PABX in Gold Bldg., creative software, network firewall, upgrading of media converters, replacement of network connections		% of Completion: 40% Acquisition of Firewall to safeguard MIRDC network from hacking and network viruses. Strengthens internet bandwidth of MIRDC Acquisition of seven (7) units access point (AP) that provides free internet connection to MIRDC clients/customers 7 APs were strategically installed in the following: Gold Bldg. - 3rd Flr. Hallway, Boardroom, Lobby Platinum Bldg. - Lobby, Platinum Auditorium Copper Bldg. - Lobby Steel Bldg. - Lobby
2. Development of a Commercial Prototype Automated Guide-way Transit System in UP Diliman				For DOST Execom Approval.
3. Development of a Pilot Commercial Model Trainset		*Test and evaluate the developed Prototype Train Set prior to commercialization.		% of Completion: 20% Conducted performance testing of Hybrid Electric Train at Sta. Rosa Station: - Braking distance test (no load) - Speed test (no load) - Acceleration test (no load)
4. System Expansion of the 120-Passenger per Coach Capacity Automated Guide-way Transit System				For DOST Execom Approval.
5. Testing for the Standardization and Optimization of Five-Coach Hybrid Road Train Phase III				Has not yet secured DOST EXECOM approval. Scheduled for PCIEERD PMT on July 18 and GC deliberation on July 20.

Prepared by:


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Date: 13 July 2017

In coordination with:


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Approved by:


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