



BAR No. 1

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 31 March 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 31 March 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	-	-	-	4	(32)	
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%	11%	
Timeliness : % of Projects Completed within the time frame in accordance with original project approval		90%	90%	90%	90%	90%	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	-	-	-	1,559	(2,948)	
Quality : % of Clients who rate the technical services as satisfactory or better (based on CSS respondents)		90%	90%	90%	90%	90%	99%	-	-	-	99%	9%	
Timeliness : % of requests that are acted upon within three (3) days of request		90%	90%	90%	90%	90%	98%	-	-	-	98%	8%	

II. Projects			
LOCALLY-FUNDED PROJECTS (LFP)		Physical Targets	Physical Accomplishments
GOVERNMENT BUILDINGS			
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><i>(carried over from previous years)</i></p> <p>% of Completion: 60%</p> <ul style="list-style-type: none"> - Conducted bidding last March 6, 2017 for 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. Awarded the contract to ARN Builders Inc. - Installation of Elevator was awarded to Mako Telemechanics, construction will commence on April 2017 - Ongoing Design for Renovation of Gold Building (including GMU, Central Records Office, COA and Instrumentation and Chem. Lab. Offices. Renovation of Chapel)
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><i>(carried over from previous years)</i></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 95% 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><i>(carried over from previous years)</i></p> <p>% of Completion: 10%</p> <ul style="list-style-type: none"> -Ongoing Design by GIBMA Engineering Services for signages, covered walk-way, parking area and landscaping -CCTV installation for PR - Construction of retaining wall for the entire perimeter fence for PR
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: 30%</p> <ul style="list-style-type: none"> -Ongoing structural integrity check-up and design of overhead tank by GIBMA Engineering Services

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	<p>% of Completion: 20%</p> <p>Acquired and installed Firewall for network security/hacking and public access point/wifi on selected areas (i.e. Gold Building lobby, boardroom and conference room; Platinum Building lobby and auditorium; Copper Building and Foundry lobby)</p> <p>Purchase requests for the equipment to be procured have been prepared.</p> <p>(Note: Only the Equipment Outlay component of the ICT Infra / BOSS project is reflected as part of the LFP in the 2017 MIRDC GAA. The MOOE component provided under MITHI is excluded)</p> <p>Two computer programmers have been hired to develop the required systems; a 1-week training on MeanStack was conducted for MIRDC MIS staff</p>
2. Development of a Commercial Prototype Automated Guide-way Transit Sytem in UP Diliman			Has not yet secured DOST EXECOM approval. The proposal was presented to the PCIEERD Technical Panel last 06 January 2017.
3. Development of a Pilot Commercial Model Trainset		*Test and evaluate the developed Prototype Train Set prior to commercialization.	<p>% of Completion: 20%</p> <p>The project was approved by the DOST EXECOM last Feb. 13, 2017 with the title "Performance Testing and Evaluation of Prototype Train Set" .</p>
4. System Expansion of the 120-Passenger per Coach Capacity Automated Guide-way Transit Sytem			Has not yet secured DOST EXECOM approval. The proposal was presented to the PCIEERD Technical Panel last 06 January 2017.
5. Testing for the Standardization and Optimization of Five-Coach Hybrid Road Train Phase III			Has not yet secured DOST EXECOM approval. The proposal was presented to the PCIEERD Technical Panel last 06 January 2017.

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Date : 19 April 2017

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